SHOUT
SHARE
IT

STEWARTS
REFERENCE
514-3 2/3
4 COLLEGE GREEN
DUBLIN

Skelly

Skelly

Skelly

E

E

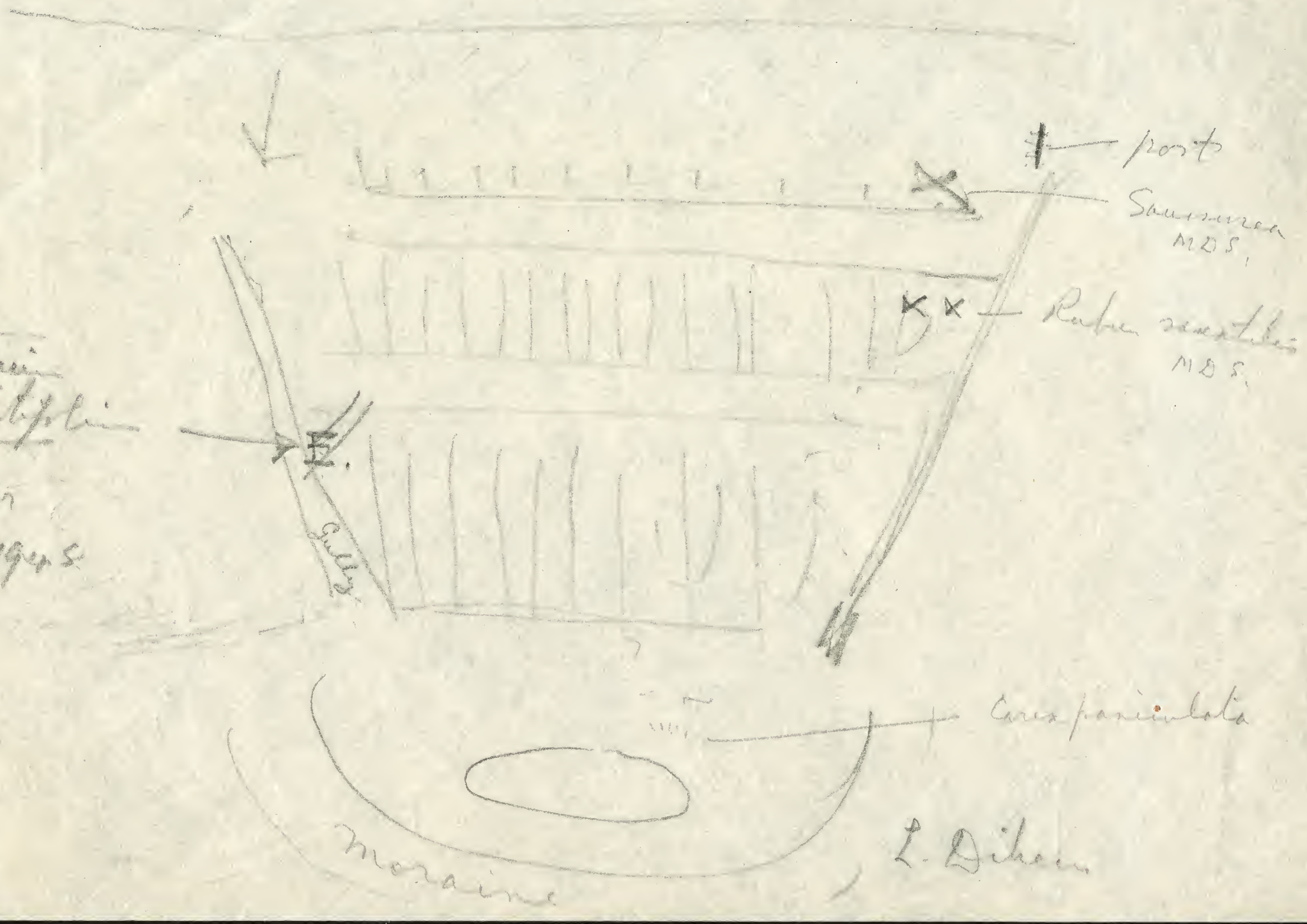
E

Turm

W
S
E

L. Munkenberg

Hilbersheim den
7. Mai
1945


Epilobium
angustifolium
F. Winder
July 1905
E.
Salix
Rubus
Carex paniculata
moraine
L. Dikeou

Apion ulicis.
A. violaceum
A. flavipes
Anaspis floralis
Anaspis ruficollis
Anaspis r. var.
Phyllodroya floralis.
Attela sp.
Oxyteles tetracarinatus.
Aleochara mesomelas
Cropidodera ferruginea
Longitarsus luridus. ? juncicola ?
Typhaea fumata
Enicmus minutus.
Tachyporus hypnorum

Merton Square
25. VI. 1945

Xeris spectrum L.

A specimen of this Holarctic
Siricinid emerged in
Feb. 1948 from a piece of wood
in the centre of a bale of cloth
(which cloth it cut its way through & so destroyed).
imported into Dublin & said
to have come from England.

Was identified by Mr. P.B.
Benson, M.A., (Brit. Mus.), who
also gave the following information concerning
it "It is found throughout the
Holarctic region in one common
species with two Californian & one
Himalayan local species. It is
not at present possible to
distinguish N. American from European
specimen. It has been recorded
times recorded from Britain but
has never become established
here for some unfathomable reason.
It feeds on coniferous wood as all other
Siricinae."

File No. T.36 Title.....
View of Athenry
Copyright Photograph from
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O'CONNELL ST. DUBLIN.
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ACKNOWLEDGE:— "Photo I.T.A."

Galtee Mts (west end & centre)
Co. Tipperary
From N. side Cooleeny S.

Marion Bay. 25.8.45.

Apion apricans
~~He~~
Trichopteryx sp. (lata?)
Longitarsus luridus
Tachinus marginellus
Atheta sp.
Atomaria sp

Gulliers Rown 26-8-45

Loricera pilicornis
Stenus similis.
Stenus declaratus
Oxytelus laqueatus
Sitona lineellus
Centhorrhynchidius
troglodytes

STEWARTS
REFERENCE
514-3 93
4 COLLEGE GREEN
DUBLIN

VOL. 15.

The record of Field Marshal Viscount Alanbrooke's diaries will be found on pp. 316 et seq. of Arthur Bryant's Triumph in the West.

DIARY

From 16th Aug. 1944
till 8th Aug. 1946 but there
is a map June 1946 in next volume.

G. W. Stelfox.

6th August 1932. Left my office at 9.45 a.m. with
Mr Hall & Mr Gee in charge & arrived
about 2 o'clock very fine & warm. After the
usual Refreshments we started & I
brought to 5th [illegible] & 6th
Mr Hall & Mr Gee & I to

Specimens Collected

1 = Rana pipiens complete, at head of [illegible] running
North in the little pond [illegible]

2 = edge smaller [illegible] under P Bonplandiana
& Hydrocotyle to middle of Lagoon

3 = edge of smaller [illegible] at middle of Lagoon

4 = Rana pipiens eggs under Stad. Bank Island,
[illegible] along the stream & W. edge of sand bar between
R Bonplandiana & Lagoon i.e. E. side of Lagoon.

4a = egg mass of Rana pipiens from S. of Bay [illegible] the
boat-dock in, 200 yards from the dam

Recorded Butterflies seen in Lagoon at 3.

16.8.44 cont. Glencoe, DU, cont.

Tekamah [16 miles for 1 day Gallon mileage]

Hospitals 9 : cot. = Commanding officer 9 cot 12
Physicians 21 cot 20 =

Health [illegible] 9 : cot 12.
Dentists — of — 9 : cot 22.
Stenographers — of records 9 cot. 22.
Nurses — 9 cot 12 [illegible] 9 — cot 22.

Corps of engrs — Gallon Res 9 Gp cot 12.
Railroad Commissioners 9 cot 22 Engineers [illegible] 9 cot 22.
Quartermaster Depot 9 cot 22.
Ordnance Depot 9 cot 22.
Q. M. [illegible] 9 cot 22.
Q. M. [illegible] 9 cot 22.
Quartermaster Depot 9 cot 22.
Q. M. Depot 9 cot 22.
Quartermaster Depot 9 cot 22.
Quartermaster Depot 9 cot 22.
Quartermaster

16 8 Abb. cat. Glenconkeine, Dor, cat.

Tabelle 1-2. Lösungen für [illegible]

Sandy ♀ = Standardmaß =

Empfindlich Hf, meist small o Kennfarbe off. : zum Tod =
Leptungsfarbe ♀, cat 26
Kennfarbe ♀, cat 44

Bronchi dorsale 3 vor, cat 1.
Lungenarm ♂ ♂ : cat. 29.
Ventralarm ♂ ♂ ♀, Blood vessels cat 44

Brust 3♂♂, 3♀♀ = of the female significant 2♀♀ (cat. 24+25)
+ 3♂♂ generally same ♀ (cat. 28, 31+32). All = tunnel, tunnel!
Operculum ♂, cat 42.
Dioptrische Kammer 3♂♂, 1♀ cat 44.
Cyprinus carpio 2 cat 44

[No Algoids!]

Lebensraum erhalte ca 30 (20♂, 5♀) : 20 cat. cat 30
Dorsale vena cava ca 26 (20♂, 3♀) 17♂♂ cat. 26(2), 27(6), 28(1)
9♀♀, 24-26.
Dorsale ♂ 4 : 2♂♂ (cat 27+28), 2♀♀ (cat. 25+26).
Dorsal pelvic ♀ ♂♂, very small, cat only 28.
Dorsale Flossen ♀, cat 36; [illegible]

13 8 Abb. cat. Glenconkeine, Dor, cat.

Tabelle 2, cont.

Dorsalarm 1♂ cat 42.
Dorsalarm 1♀ cat 42.
Dorsalarm (Spermatophore) = of which eight 2♂ have stomach ♀
(had 1♂ eig taken in 9th day, sample of female)
2♂♂, 3♀♀ = Dorsalarm ♂ = 2♂♂ cat. 27, 27 (1♂♂)
+ 24, 25+26 (3♀♀).
Lebensraum conjungens 4♂♂, 1♀ cat 42.
Dorsalarm 1♀ cat 42.
Operculum ♂ 3♂♂, 1♀ cat 42.

Roots 6 cat 42.

Glutealis 3 cat 24

Spinalis 2 cat =

[illegible] Thursday dull + misty but
6 min afternoon. Wind variable,
mainly light NW-NE [illegible]
Dull + misty at 5·30 - 9·0 a.m., but no rain
at Grendon + no rain 5 of [illegible] till
we were with 6 miles of Eltham. Then
[illegible] formed a mist rain which [illegible] the
Cliffe Valley above Ballymotter Bridge.
Left Lons. at 9·20, [illegible] on bikes
1 reached Ballymotter in 2 hours on
the trek on this & 10 hours from
Grendon at Eltham at 12 noon stop
on the Drifts + extend + [illegible]
except in the mile of trees + bushes
Stayed till about 2·20 + arrived home
at 4 o'clock stiff NE wind
Collected = 11 trees + 4 stems —
1 = varies flora in neighbourhood of Cliffe Valley
the footstalk, thick stiff hairs + rock in Sand
of the "dene"
2 = Eryngium campestre if common + large fields
just NE of the dene + Natica (?) 13.5 type
3 = except Salix viminalis x ?, not flat ½ mile

W. of K"dene" in Canal of R Cliffe, [illegible] K
petal of Glycyrrhiza [illegible] on top of
compound, [illegible]
4. Calder wood [illegible] at 3 on N bank
of a rest for [illegible] mainly made of
[illegible] bank of dene [illegible] of bank
on off piece of ground [illegible]
diff. Calder [illegible] of [illegible]
[illegible] the Cross!

Gilkdown, G. W.I.

Taken at 1 [17 mm. Tel from 1 + then Tel'd 18.12.1947]
Eryngium 6·3x11 = Hamlet [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] 20
Orobanche [illegible] [illegible] [illegible] 20
1 [illegible] [illegible] [illegible] [illegible] [illegible]
3 [illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]
Hamlet [illegible] [illegible]
Compositae 2·3 · [illegible]

20 ♀ 4th, cont. Aldeburgh, WI, cont.

Tadorna tadorna, cont.

Seven variants ♀ ♀ all type of coupled with down-
D. fuliginosa ♀ (Fair Isle) Shetland ♀ (Fair Isle) ♀ not ntd.
Eclipse birds ♂ not ntd.
Eclipse ♂ and 30
Duck ♂ ♂ not ntd.
Offers ♀
O (B) ♂ ♂ } non ntd.
O (B) ♀ ♀ ♀
Rectrices ♂ ♀ not ntd. Tenuicaudata ♂ ♀, not 22
Axillaries ♂ ♀, not 17.
Primaries ♂ ♂, not ♀ ♀ not ntd
D. leptorhyncha ♀, not 22, reduction of primaries.
D. of unca ♂, ♀, not 36
D. ♀ not characterised ♂ ♀, not 23
Rectrices 19 5 ntd.

Eclectus 1
Leptosomus 2 } non ntd

Green bay records!

= Palaeornis torquatus (Rose-ringed Parakeet) ♂ in Cheltenham

KB 4-11 and ♀ stuffed from Isle of Wight ♂ ♀ pinioned
Lophura Rothschildi ♂ Blackthorn, Northants
Phasianus versicolor ♂ ♀ ♀ ♀

Zo ♂ wo. ent. Althorn, 40 ent.
Tetrao tetrix, ent.
Perdix ♀ ♂ 4♀♀, ent. 28, 29, 30, 30.
Leptoptyx Temporum ♀ [illegible] 10, 19 mld, [illegible] ent. 26, 27
Columba oe ♂ ent. ats

Propon of opt. the 1♀ (damaged) : ad. ats.
Nyroca 2♂♂ = Fuligula cristata ♂ ad. 23 Fuligula ♂ ad. ♀ ent. ad.
Asiatic falcata prof. ♂ ad. ats.
Segetum rostrum ♀ (a. 210), : not ats
Anser cinereus 2♂♂, ent. 35, 35 a 36.
Scolopax rusticola ♀, ent. 24.
Dendrocopos ♀ 2 2♂♂, 1♀ : 10, 19 mld, ent. 1822 33.
Opened 44 18. as follows: —
○ Merlebella mit 1♂, 7♀♀ of Lyrurus ♀ on [illegible] Hd, VK. 21.8.46
= ○ zu von Hal. a Merlebella-Gelände Hof Altenbeck a. Bülte
○ Accipiter mit 1♂ ring mlt, ent. only 21
○ Lagopus Hal. 2 mlt ♂ (1 injured), ent. 3 ad 2, mould-stained!
○ semirostratus ♀, ent. 24, measurements with bruised!
○ Cinereus mit 1♀, ent. 32:
○ cf. Fuligula Ulula 1♂, 2♀♀, ring mlt, ent. ♂ 22, ♀ 21 abnormal
○ cf. falcatus Hof 1♀ mlt, ent. 22 a 25.

Zo ♂ wo. ent. Althorn, Wo. ent.
Tetrao tetrix, ent.
A. fuligula 1♂ 16 = 6 mould-stained ad. ♀.
A marginatus 1 mould. ad. 16. G ♂ — 4 ad. 23, ent. ad. ♀.
A cinereus 1♂, ent. ad. 22, ad. ad. 17. A. ♂ mould-stained 1♂, ent. ad.
A cf. falcatus ♀ mould ♀, ad. 14, bad mould-stained 22 a 25 ad.
A. tetrix 1 mould ♂, ad. 16.

A (Scolopax) perspicillata 4♀♀, ent. 20, 21, 20 a 21.
Dendrocopos cirrhatus prof. 1♂♀ ad.
2 Asiatic [illegible] ♂ ♀ adult 1♂ ad. 28 a 1♀ ad. 29 (Aural abnormal mould)
= D. Asiatic mit = ganz braun 2♀♀, ent. ♂ 2 a 3♀ mould-staining.
D. Syrinx mit Hal. 2♂♂ mould, ent. ♂ 21, 21 a 22.
D. tridactylus 2♂♂, ent. 28 a 29.
D. leucopterus mit, ent. 29, ♂ (1) = mould-stained brown.
D. ♂ ad. prof. ♂ (1), ent. ad. ♀ —

D. of non ephialtes ♂ (1) ent. ad. ♀ = [illegible]
D. (Scolopax) = nigro-pygmaea-Bilfinger 2♂♂, mould ♀ mean of 5.10.1953 ♂ ♀ ad. to be latter of 21.10.53! So also to Eilen
A. Althorn (1) 30 5 wo, p. 27 —→.

17.

20 E. 4th, cont. Oldham, Wm, cont.
Tichborne at 3, cont.
Brewer, William, at Oat Hill.

Printer. E. 3 4th.

Clerks to Solicitors, Articled, Managing, Parish Clerks, and Town Clerks =
Bywaters 2 at 4th.

Tichborne at 3. [All only at 3 Fox Court (off Gray's Inn Rd)]
Bywaters 7, including 2 Mrs & Miss Bywaters
None at 4.

Merchant [in dyes] 2 at 4th
Tradesmen 2 at 4th, Hatters, at 4th
Stationers, Envelope 2
Printers, Lithographic 2
Tobacconist 2
Brewers, British 2
Wine Merchants 2

20 E 4th, cont. Oldham, Wm, cont.
Tichborne at 3, cont.
Tradesmen, Jobbing, Printers, Stationers 2, at 4th.
Dyers, Scourers 2, at 4th.
Drapers, Mercers 2 = Outfitters 2, at 4th.
Outfitters, Hosiers 2, at 4th.
Tradesmen, Jobbing, Printers, Stationers 2, at 4th.
Confectioners, Pastrycooks 2 = Caterers 2, at 4th.
Grocers, Tea Dealers 2, at 4th.
Tradesmen, Jobbing, Printers, Station

19

20.8 ♂ ad. Addo, Wkg. ad.

Tekenstr. [24 months for 4 ♂ Wkg. Ended 22.12.47]

Haugnes ♂ ♂ ♂, ad. 27.

Brynhamn 5. I ad. ♂ = ♂♂ 2 ♂♂

Norrviken ♂ ♂ ♂♂ 2 ♂♂, ad. 33-36(♂♂), 2 ♂♂ (♂♂)

Ale ♂ ♂ 2 ad. ♂♂, ad. 30+(♂♂)

Ekenäs ♂ ♂ ♂♂, juv. ♂♂, ad. 46.

Klåveryd 9. Knarrt. ♂♂, ad. 28.

Hörne 4. Tannforsen ♂♂, small, ad. 21.

Stenungsön Ringm. ♂♂ ad. ♂♂

St. Amundön 18 ♂♂ ad. ♂♂

Ringmärkn. notera ♂♂, ad. 29; Ale ♂♂, ad. 37.

Hallunda ♂ ♂ ♂♂, ad. 36.

Tomelilla 2 ♂♂ ♂♂.

Ringmärkn. notera ♂♂ = 1 ad., 1 juv.

Dalarö ♂♂ 1 ♂, ad.

20

Y. 6 ♂♂, ad. Cottbus, Wkg. ad.

Tekn. ♂♂, ad.

Sandhamn 2 ♂♂ =

Hemsjö ♂♂ 7.

Ringmärkn. of ringmärkn. ♂

Ringmärkn. 2000 ♂♂ ♂ ringmärkningsprogram, juv., ad. Ägg, ad. 1 ♂ (31).

Ölandsbro fältstation ♂♂ ♂♂ ♂♂

Falsterbo ringmärkn. 2000, ad. Ägg 19.

Ringmärkn. ringmärkn. ♂♂ ♂♂ ♂♂

Öjaren (Ob.) ringmärkn. ♂♂, ad. 40.

Falsterbo fältstation ♂♂ ♂♂ ♂♂

Ölands södra udde ♂♂ ♂♂ ♂♂

Barnens ringmärkn. ♂♂ ♂♂, ad. ♂♂

Ringmärkn. ♂♂ ♂♂

Ringmärkn. 7 ♂♂ ♂♂

Ölands N. udde, tall ♂♂ ♂♂ ♂♂ (♂♂ ♂♂) =

22.8 ad. ♀ Hemsjö, ringmärkn.; återfunnet av ringmärkare i Bosnien, ad. 34.

21

27th day Cloudy 6 h/d Sea [illegible]

[illegible]

Stock & Sergeant, C26.

Collected (by motor 11.30 to 12.30 and took
to Court of Old road for Sergeant & Stock)
and left with Book at Sand & Stock Ltd. &

[46 mounted at Star Cabinet 20.12.1907]

Coal Pachymantus obductus 4

[illegible]

[illegible]

[illegible]

[illegible] Stock & Sergeant, C26. [illegible]

[illegible]

Pachymantus 3 [illegible]

Pachymantus 3 [illegible]

Pachymantus 3 [

27. E 44, cont. Stats of Support DW cont.

Oper. commenced 8.0 A.M.

Tow cut for middle S, at 23.

Anchored 12, pitched 6 deep 4, rode at night.

5 ran down small S at 10. 5 of engines S at 10.

A of Sussex ran small S at 19. Sussex & Polperro ran small S at

1 of Sussex ran small S at 4. 5 of Sussex ran small S at 22.

A of Sussex ran small S at 1. A ran down S at 5.

5 of Sussex ran small S at dark of Sussex ran small S at

A (Sussex) of S at (Sussex)

A (contacts) ran down small S at 17.

Darkened ranges, pumping up steam. 20 ranges.

D. by 1 at 4.
D. marks at 20.
D. all at 8.
D. 1 at 9.

from 12

Officers ran small S at 11 of A Sussex ran small S at

1 of Officers boarded S at 11

Ranges 35, at 24.

27. E 44, cont. Stats of Support DW cont.

Oper. commenced 8.0 A.M.

Boats 3 Supervisor = Engine room

Chronometer stopped, 1 Clock = regulate

29th August 1944. Engine room & Stoke hold in fresh parties after 4 hrs. Vessels in Flock anchored, the same as yesterday, in spite of some heavy rain & mist last days nearly

30th Aug 1944. 2 spits of fading close 1 heavy rain at 7 AM. took day off 0 rode to Littleton, also joined 2 Escort Vessels who walked from 1 fuel to Lee at The Lent. 1 left Lee at 9.20 & arrived at Oldon at 11.50 after fairly heavy pull against wind. Escort left to carry on work at mooring till 3 PM. when all left Oldon & anchored at 4.30. Left Oldon at 5.50 & Lee at about 7.30. All well below.

3 ♂ leg. 44, coll. Gillbrand, Fa. Wh.

Collected = then one = below =

1 = head deep top of corn-like field, round
eyes + deep top of head, then rather eye,
below round + rim below 2 for head.

2 = mark, ♀, top bit, also for head +
on top head of rim Eyes.

3 = same as 1, but mark 2 = ♀ legal
at top of head rim eye.

Tarbus et l. [56 mentes from 1 + Hem. bel. 44 a. 1946]

Rhyssa persuasoria ♀ 1 ♂. Spilichneumon occisorius 400

Exochus nanus, 5 : all mounted = Worlds ant. 21. on mountains

Rhyssa ♀ ♀, ant 21.
Atractodes ♂ 1 mal. Hochst, ant. 21
Q. ♂ 1 Bop. added, ant 23

Pezomachus pontoporeus ♀, ant. 20.

Pimpla hortensis ♀ ant. 24

Limneria ♂ 277. ♀ (worlds) ♂ from

Trychosis rufipennis 1 ♂ mont 24.

Rhyssa persuasoria ♀, ant 19.

Ophion luteum ♂, ant 27.

30 ♀ leg. coll. Gillbrand, Wh., coll.

Tabl. 21.

Stenocryptus tarsius ♂ ♀. Sl. ♀ richer ♂ ant 12.
Sl. ♂ ♀ = 2,77, counted twice = see Exeteryx!
Sl. ♂, at the mount = many more in the
Hemiteles areolator 1 mal.
Phaeogenes nanodes 2 ♂♂, 3 ♀♀. mon mts
Tryphon ♀ ♀ : ant
Exeteryx ♂ Exeteryx 277, ant 24 ♀.
Acoenites ruficeps ♀, ant 29.
Scambus nanodes 2 ♂♂, 3 ♀♀, ant 24
Cryptus fabricator [Gravh.] ♂ ♀, mont 24. [Gravh. = Gravenhorst]
Cryptus ♂ ♀, ant 18, ♀ ant 23
Hemiteles ♂ ♀, ant 21.
Mesoleius tenthredinis ♀, ant 25.
Exeteryx ♂ ♀ = 277
Ophion maculatus ♂ ♀ = mesmerus Hal., ant. 30.
O. luteum = 4 : 18,19 ant. ant ♀ on O. luteum ♀, ant 24. [Gravh. = mesmerus Hal. 1946]
O. luteum = 1 ♀, ant 24. O. of pictus = ♀, ant. 26.
Ophion ♂ all mid = O. of mesmerus, flat on light = knot ant 18 ant 17
O. luteum ♀ ♂, ant 22. O. luteum = ♀, many nice, ant. 18.
O. rufipes = 2 ♂♂, ant all ♂, but many variable with me so far
as colour of many antennae, tegulae 123 = ♀ genitalia
O. (Scotch) parviventre 1 ♂, ant 19, 1 ♀, ant 15. 6 nice pair ♂

27.

20 [illegible] end. Oktober, VII.

Tabak [illegible] end.

Lebensweise Ophiopeltis [illegible]

2) [illegible] = Podospora [illegible] = Sacc. 16 auctt. mor.

3) [illegible] = nigra Hyp. Stiria MS. 1900

4) [illegible] (Schlauch) [illegible] mit 26.

5) [illegible]

6) [illegible]

7) [illegible]

8) [illegible]

9) [illegible]

10) [illegible]

11) [illegible]

12) [illegible]

13) [illegible]

14) [illegible]

15) [illegible]

16) [illegible]

17) [illegible]

18) [illegible]

19) [illegible]

20) [illegible]

21) [illegible]

22) [illegible]

23) [illegible]

24) [illegible]

25) [illegible]

26) [illegible]

27) [illegible]

28) [illegible]

29) [illegible]

30) [illegible]

31) [illegible]

32) [illegible]

33) [illegible]

34) [illegible]

35) [illegible]

36) [illegible]

37) [illegible]

38) [illegible]

39) [illegible]

40) [illegible]

41) [illegible]

42) [illegible]

43) [illegible]

44) [illegible]

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46) [illegible]

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48) [illegible]

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50) [illegible]

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59) [illegible]

60) [illegible]

61) [illegible]

62) [illegible]

63) [illegible]

64) [illegible]

65) [illegible]

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97) [illegible]

98) [illegible]

99) [illegible]

100) [illegible]

101) [illegible]

102) [illegible]

103) [illegible]

104) [illegible]

105) [illegible]

106) [illegible]

107) [illegible]

108) [illegible]

109) [illegible]

110) [illegible]

111) [illegible]

112) [illegible]

113) [illegible]

114) [illegible]

115) [illegible]

116) [illegible]

117) [illegible]

118) [illegible]

119) [illegible]

120) [illegible]

121) [illegible]

122) [illegible]

123) [illegible]

124) [illegible]

125) [illegible]

126) [illegible]

127) [illegible]

128) [illegible]

129) [illegible]

130) [illegible]

131) [illegible]

132) [illegible]

133) [illegible]

134) [illegible]

135) [illegible]

136) [illegible]

137) [illegible]

138) [illegible]

139) [illegible]

140) [illegible]

141) [illegible]

142) [illegible]

143) [illegible]

144) [illegible]

145) [illegible]

146) [illegible]

147) [illegible]

148) [illegible]

149) [illegible]

150) [illegible]

151) [illegible]

152) [illegible]

153) [illegible]

154) [illegible]

155) [illegible]

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159) [illegible]

160) [illegible]

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St. [illegible] 29 ent 22

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Hagen [illegible] ♂ ent 20

Opuntia [illegible] 20 ♂ ent 20

Syrphus [illegible] 20 ♂ 2 ♀ mostly ♂, 13, 18 ent. 2 [illegible]

Flies [illegible] ♀ ♂ and others, only one took, ent 20

E. [illegible] 2 ♂, 2 ♀ ♀, ent 19, 22, 17.

Bombus [illegible] ♂ ent 20

Bombus [illegible] ♂ ent 20

Opuntia [illegible] ♂ [all or at Lookout] 20 [illegible] ♀, ent 24

O. (Brachyx) praecox mostly ♀, ent 22

Bombus [illegible] ♀ ♂ ent [illegible] ent 20 [illegible]

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Syrphus [illegible] ♀, ent. 19

O. [illegible] ♂ ♀ [illegible] ♀, ent 19, [illegible] ent 20

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Clifton ♂ ♀ ent 22

Bombus [illegible] ♂

Bombus 17 ent 3 ent. 20

Robert E. Dunn

Blanket tow specimen of the plant A. gracilis from right bank of N. Laramie River, below forks, 2 miles N and 4 miles E of Laramie, Wyo. This is a new [illegible] Blackburn & Rathbun, but [illegible] with [illegible] Rocky Mountain [illegible] and [illegible] very distinctly not by Mr. Van Dyke of Berkeley, Calif., who does not seem to agree with me that this is a hybrid. [Fruit is well in 1947 — garden specimen will give a flower of this sort — neither Blackburn or Rathbun is perhaps nearer to Blackburn.]

1st to 7th Sept. 1944. Very wet period. Attended each day but could do very little owing to rain at least. Kept plots under observation. When the second flood took place (1.9.44. Sunday) the water rose to within 2 ins. of the top of the 2nd Sept. Small dyke. The water fell 2 ins. =

7th Sept. 1944. Dull, cloudy, showery day. Went in afternoon only to find an offer of help in Glenamoole. Found the water had gone down from the 2nd flood. Left there at 4.30 p.m. Then went to the top field to get the water off the top of Lake — with the scoop. Cut through the dyke at the top of the lake and let the water run out. Then went to the opposite field (Mr Moore's) where the dyke was broken. Stopped the gap with sods and then began to fill in the earth at 5.30 p.m. Left home.

Saw one Pied Wagtail and one Small Tortoise Shell at bed of Dodder near Lake.

[47 insects collected & then killed on 12.1.1945]

7.9.44 cont. Glenamoole, 6 Sph. 4 Sph 5 Sph.

Swift on flat at head of upper reservoir.

Coppice 2 — 22 species as follows.

Quercus robur — ♀ and ♂. Hemitelia — ♀ and ♂.

Corylus — ♀ and ♂. H — ♀ and ♂.

Rosa — ♀ and ♂. H — ♀ and ♂.

Rubus — ♀ and hybrids. H — ♀ and hybrids.

Hedera — ♀ and ♂. Ilex — ♀ and ♂.

Ulex — ♀ and ♂.

Prunus spinosa — ♀ and ♂.

Fraxinus excelsior — ♀ and ♂.

Sambucus nigra — ♀ and ♂.

Crataegus — ♀ and ♂.

Salix — ♀ and ♂.

Acer pseudoplatanus — ♀ and ♂.

Fagus sylvatica — ♀ and ♂.

Fraxinus excelsior — ♀ and ♂.

Corylus avellana — ♀ and ♂.

Quercus robur — ♀ and ♂.

Betula — ♀ and ♂.

Sorbus aucuparia — ♀ and ♂.

Ilex aquifolium — ♀ and ♂.

Taxus baccata — ♀ and ♂.

Hedera helix — ♀ and ♂.

Rubus fruticosus — ♀ and ♂.

Rosa canina — ♀ and ♂.

Prunus spinosa — ♀ and ♂.

Sambucus nigra — ♀ and ♂.

Crataegus oxyacantha

7-9-44, ent Ephemeroptera, Ins DH, ent.

Baetis tricaudatus mih. 1 large ♀ ent matchstick, in very large numbers, 8 pairings 1st Brood more advanced specimens on pinned

12 " " ♀, ent. 24, small.

Diptera Nematocera ♂, ent. 28.

Diptera Brachycera ♂, ent. 24.

Pentatoma prasina ♀, ent. 18

Cyphostethus tristriatus ♀, ent. 15, very small no mature ♂.

[Determined by me as above, other 2 ♂ same ground & ent. 250 examined & Hem.]

Ephydrinae, Scatella 2 ♂♂ Hall. ent 11.

Brachycera 6 small ♂♂ "Ecalling" mesocranium K" ♂ fed. Nem. Jun 1944

Blephariceridae, 1 male ♂

Empididae 4 males ♂

Dolichopodidae 2 ♂

10th Sept. 1944. Beautiful autumn day after recent cold days with N wind, sun very strong, but from E and after midday kept small clouds obscuring full sun from the hill till 4.30, then sun very hot sun till 6 P.M.

Left box at 10 a.m. & rode to Lewin's cottage, Rivelin Road, Hillsborough, Sheffield 6, where Mr. Nicholson joined me & we had a fine day together along the Rivelin valley & the Redmires Reservoirs.

Collected = three trees, 2 plants, —

1 = along side of road & lots small & fallen N. of plantation, the after the gate on the Redmires Reservoir road 11.30 till 12.45.

2 = in the plantation 1.30 till 2.0

3 = side of canal & towpath just E of the Redmires Reservoir road 2.0 till 3.0 p.m.

Bembidion decorum mouth pool on Rivelin ♂♂ ♀♀

B. obscurum ♂♂ ♀♀ & Leptidea ♂♂

Cillenus reputus ♂ Pamphilus ♂♂ ♀♀

Large Small Grassroot Ant Hemiptera, Pentatoma (2), Small Tortoiseshell (ca 30), Peacock (1), Speckled Wood, Small Coppers (4), Common Blue ♂♀ abundant, Gatekeeper (1), Symphetrum striolatum, abundant Epitrix ♀ 10%.

10. g. 44, cont. R Canal, K.D., cont.

Tobacco, cont.

Turpentine 12 : Satd. = Peppermint, methyl ... p. 31.

Specific ... of ... p. 44.

Thermal ... of ... p.

Colorimetric ... of ... p.

Detection ... of ... p.

Purple debris, prof. ... p. 23, ... p.

Tricarballylic ... p.

Trimethylamine ... p.

Tryptophan ... p.

Tyrosine ... p.

Uric acid ... p.

Urine, ... p.

Valeric acid ... p.

Vanillin ... p.

Water, ... p.

Wax, ... p.

Xylose ... p.

Yeast, ... p.

Zein ... p.

10. g. 44, cont. R Canal, K.D., cont.

Tobacco, cont.

Tryptophan = Indole-3-acetic acid + Skatole + Indole + Anthranilic acid + Kynurenine + Alanine + Serine + Glycine + Tryptophol + Tryptamine + Indole-3-aldehyde + Indole-3-carboxylic acid + Indole-3-pyruvic acid + Indole-3-lactic acid + Indole-3-acrylic acid + Indole-3-propionic acid + Indole-3-butyric acid + Indole-3-valeric acid + Indole-3-caproic acid + Indole-3-heptylic acid + Indole-3-caprylic acid + Indole-3-pelargonic acid + Indole-3-capric acid + Indole-3-undecylic acid + Indole-3-lauric acid + Indole-3-tridecylic acid + Indole-3-myristic acid + Indole-3-pentadecylic acid + Indole-3-palmitic acid + Indole-3-margaric acid + Indole-3-stearic acid + Indole-3-nonadecylic acid + Indole-3-arachidic acid + Indole-3-heneicosylic acid + Indole-3-behenic acid + Indole-3-tricosylic acid + Indole-3-lignoceric acid + Indole-3-pentacosylic acid + Indole-3-cerotic acid + Indole-3-heptacosylic acid + Indole-3-montanic acid + Indole-3-nonacosylic acid + Indole-3-melissic acid + Indole-3-henatriacontylic acid + Indole-3-lacceroic acid + Indole-3-psyllostearic acid + Indole-3-geddic acid + Indole-3-ceroplastic acid + Indole-3-hexatriacontylic acid + Indole-3-hexatriacontylic acid + Indole-3-octatriacontylic acid + Indole-3-tetracontylic acid + Indole-3-tetratetracontylic acid + Indole-3-hexatetracontylic acid + Indole-3-octatetracontylic acid + Indole-3-pentacontylic acid + Indole-3-hexacontylic acid + Indole-3-heptacontylic acid + Indole-3-octacontylic acid + Indole-3-nonacontylic acid + Indole-3-hectylic acid + Indole-3-hentriacontylic acid + Indole-3-dotriacontylic acid + Indole-3-tritriacontylic acid + Indole-3-tetratriacontylic acid + Indole-3-pentatriacontylic acid + Indole-3-hexatriacontylic acid + Indole-3-heptatriacontylic acid + Indole-3-octatriacontylic acid + Indole-3-nonatriacontylic acid + Indole-3-tetracontylic acid + Indole-3-hentetracontylic acid + Indole-3-dotetracontylic acid + Indole-3-tritetracontylic acid + Indole-3-tetratetracontylic acid + Indole-3-pentatetracontylic acid + Indole-3-hexatetracontylic acid + Indole-3-heptatetracontylic acid + Indole-3-octatetracontylic acid + Indole-3-non

10 Q 44, cont. R. Canal, KD. cont.

Tuben ad 2 (in plankton) [Stats. specs. Amphipoden Vol. 1940]

Epitoken: Polynoe ♀ ♂

Ovarialtuben juvenile ♀ + D. ♂ mit ♂

Phragmid ♀

Cryptid ad 25. 9 mm ad. —

♂ ad. 29.

Eupomatus ♀ 3 Exemplare ad. 19, 20, 22 R. ♂ ♀

Hamatoken ♂ ♀, 17 mg, ad.

Hom. ♀, ad. 19.

Hom. ♀, ad. 19.

Hom. ♂, very small, ad. 19.

Pinkie terminales prof. 289.

Terebella 1 ill. ♀

1 Exemplar, fast ganz zylin., ♂.

Lebenden 2

Stomatopoden reichlich 1 ♂, viele ♀ & 6 andere Species

St. spinosa 2 ♂, ad 26. St. raphoi 2 ♂♂, ad. bis 21.

St. affinis 1 ♀, ad. 22.

St. sp. ♀, ad. 20 (juvenile, zum Teil stark fragmentiert)

St. reliqua 1 ♀, ad. 23.

Odontodactylus ♀ 2 (1 ♂), ad. bis 23.

10 Q 44, cont. R. Canal, KD, cont.

14 km ad 2, cont.

Leptostylis longa 1 ♀, 20 mm

Eudorella 2 = Leptochelia 1 ♂, ♀, ad 27.

Nannastacidae indet. ♀, ad. 25.

Mancocuma stellifera ♀, small, ad, only 1 specim.

Diastylis rugosa 7 (1 ♂, 1 ♀), ad. bis

D. dimorpha 1 ♀, ad. bis

D. fabricii 2 ♂♂, ad. bis 19

D. ♀, very small, damaged by Bouin, ad. = Nov.

Cyclaspis nana 1 ♀, ad. 24, very fat, dark!

Diastylis rathkei 1 ♂ (from Kattegat for dissection) ad. 27

Leptostylis ♂♂ 21, including L. ekmani juv. 10 ♂, 6 ♀,

Diastylis rathkei prof. 38 abundant: 28 mm median, no ♂

+ 9 other species = D. spinosa: 12 ad. bis 28.

D. scorpioides 2 ♂♂, ad. 27 & 28

D. abyssalis 189, very small, 1 ad. ♂ ad. 27 & 28

D. ♀ no young, 1 with Bouin, bis ad. mit Pol. ab

Leptostylis ♂ ad. bis 27

Campylaspis rubicunda ♀, ad. bis

Eudorella reliqua 2 ♂♂, ad. bis 27

Diastylis Rathkei ♂ =

10 Q. 44, cont. R Canal, Co KD.

Taken at 2, cont.

Proctor, extraordinary student, some 50 - under, [illegible] is counted. —

Proctor. 10: more [illegible]

Cryptic. 4: more [illegible]

Bettyhan formerly [illegible]

Taken at 3. [5 months + the Calcutta Exh. 1848]

Pterygoid - 2 and 9 ff = Pterygoid [illegible]

Mid-plate [illegible]

Cephalic [illegible]

Pterygoid-palatine (resp. 38 [illegible]) dorsum tuba [illegible]

Ethmoid vertical [illegible]

Parietal = 2 not nth

17th Sept. 1914. [illegible]

[illegible] R. Tiffy — [illegible]

[illegible]

two to Royal Canal bridge [illegible] Co KD

[illegible]

[illegible]

[illegible]

[illegible]

1 = Walled pockets between canal & [illegible]

2 = Top pool, [illegible]

Royal Canal, Co KD.

Taken at 1. [32 old for [illegible]

bryophytes, 25, including [illegible]

Pterygoid [illegible]

Pterygoid [illegible]

Jugal of [illegible]

Parietal [illegible]

Ethmoid [illegible]

Parietal-squamosal [illegible]

Cerebellum (no model!) =

17.9.44, ad. R. Canal, KD., ad.
Tabanidae, ad.
Chrysops relictus Mg. 1♂ 2♀♀
Haematopota pluvialis L. ad.
Tabanus bromius L. ad.
T. tergestinus Egg. 1♀
T. maculicornis Zett. 1♀
T. sudeticus Zell. 1♀
T. autumnalis L. ad.
Hybomitra micans Mg. ad.
H. bimaculata Mg. ad.
Haematopota pluvialis L. ad.
Chrysops relictus Mg. ad.
Dexiidae sp. ad.
Sarcophaga sp. ad.
Calliphoridae sp. ad.
Lucilia caesar L. ad.
Muscidae sp. ad.
Anthomyiidae sp. ad.
Scathophaga stercoraria L. ad.
Musca domestica L. ad.
Fannia canicularis L. ad.
Fannia sp. ad.
Sepsidae sp. ad.
Piophila casei L. ad.
Drosophilidae sp. ad.
Phoridae sp. ad.
Syrphidae sp. ad.
Eristalis tenax L. ad.
Eristalis arbustorum L. ad.
Eristalis sp. ad.
Helophilus pendulus L. ad.
Syrphus ribesii L. ad.
Syrphus sp. ad.
Melanostoma mellinum L. ad.
Platycheirus albimanus F. ad.
Platycheirus sp. ad.
Sphaerophoria scripta L. ad.
Sphaerophoria sp. ad.
Volucella pellucens L. ad.
Volucella inanis L. ad.
Volucella sp. ad.
Eristalinae sp. ad.
Syrphidae sp. ad.
Conopidae sp. ad.
Myopa buccata L. ad.
Myopa sp. ad.
Tachinidae sp. ad.
Calliphoridae sp. ad.
Muscidae sp. ad.
Anthomyiidae sp. ad.
Scathophaga stercoraria L. ad.
Musca domestica L. ad.
Fannia canicularis L. ad.
Fannia sp. ad.
Sepsidae sp. ad.
Piophila casei L. ad.
Drosophilidae sp. ad.
Phoridae sp. ad.
Syrphidae sp. ad.
Eristalis tenax L. ad.
Eristalis arbustorum L. ad.
Eristalis sp. ad.
Helophilus pendulus L. ad.
Syrphus ribesii L. ad.
Syrphus sp. ad.
Melanostoma mellinum L. ad.
Platycheirus albimanus F. ad.
Platycheirus sp. ad.
Sphaerophoria scripta L. ad.
Sphaerophoria sp. ad.
Volucella pellucens L. ad.
Volucella inanis L. ad.
Volucella sp. ad.
Eristalinae sp. ad.
Syrphidae sp. ad.
Conopidae sp. ad.
Myopa buccata L. ad.
Myopa sp. ad.
Tachinidae sp. ad.
Calliphoridae sp. ad.
Muscidae sp. ad.
Anthomyiidae sp. ad.
Scathophaga stercoraria L. ad.
Musca domestica L. ad.
Fannia canicularis L. ad.
Fannia sp. ad.
Sepsidae sp. ad.
Piophila casei L. ad.
Drosophilidae sp. ad.
Phoridae sp. ad.
Syrphidae sp. ad.
Eristalis tenax L. ad.
Eristalis arbustorum L. ad.
Eristalis sp. ad.
Helophilus pendulus L. ad.
Syrphus ribesii L. ad.
Syrphus sp. ad.
Melanostoma mellinum L. ad.
Platycheirus albimanus F. ad.
Platycheirus sp. ad.
Sphaerophoria scripta L. ad.
Sphaerophoria sp. ad.
Volucella pellucens L. ad.
Volucella inanis L. ad.
Volucella sp. ad.
Eristalinae sp. ad.
Syrphidae sp. ad.
Conopidae sp. ad.
Myopa buccata L. ad.
Myopa sp. ad.
Tachinidae sp. ad.

17.9. Ldn. cut R Carot. KD. cut
Taken at 2. cut
Exhibited 2 cut

Rhacnusa punctum 10, 17.
♂ angulum in Compacta ♀ 2 ♀♀.
♂ ♂ ♀ ♀ cut 22, one dead, left hind tibia missing
♂ ♂ ♀ ♀ yellow + clypeal ♀ cut ♀♀
Monoctonus carocis ♂ cut ♀♀

Rugulosa ♀

Scholastes ♂ ♀ Kom. cut

Exigua ♂ ♀

18th Sept 1944. Took Exig ♀ Monoctonus on window in motor house, 14 Clarendon Rd., Harold's Cross, Dublin.

6/♀ Lds. [illegible] 2 cut on [illegible] 1944 at first [illegible] 4
2 dead
AWS. 26/1944

Lucas Grove Q. DU
20th Sept. 1944 6 min. after sun. after last cut. 2 Exig ♂♂ cut ♀♀ not cut.
Exig ♂♂ Hare place — 3 cut ♀♀ 2 = ♀♀
1 = ♀ min. pale Rhac. and pronotum not ♀
2 = Lds. with ♀ min. Rhac. pale ♀ not cut.
3 = ♂ + round roadpost just SW. of Plot 2.
Taken at 1. Exig ♂ [illegible]
Hemitelus ♀ ♀ cut ♀♀
H ♀ ♀ cut ♀♀
Exig ♂ ♂ ♀ ♀ cut ♀♀
Dendrocerus carpini ♂ ♀ cut ♀♀
Exigua ♂ ♂ ♀ ♀ cut ♀♀

Taken at 2. [illegible] Exig ♂ ♂ ♀ ♀ cut ♀♀
Exig ♂ ♂ ♀ ♀ cut ♀♀
Exig ♂ ♂ ♀ ♀ cut ♀♀
Hemitelus ♀ ♀ cut ♀♀
Rhacn. punctum ♀ ♀ cut ♀♀
Dendrocerus ♂ ♀ cut ♀♀
Exigua ♂ ♀ 14, cut ♀♀ 2 dead

A 5

20.9.44, cont. Lucan dominus, G. DU, cont.
Tekn. del 2, cont.

Op. i normalställen 1 ♀, ant 23.
Fältet i övrigt 30 ♂, 1 ♀, ref. ovan.
Vinterfältet fr. Ängen, Myr. 2 ♂, 1 ♀.
Gårdarna Flemmen 1 ♂, ant 37.
Hagmarken Tofta 1 ♀, ant 12, small, smaller.
Nr. Ängsmarken 2 ♂♂, ref. ovan.
Nr. Tofta Ängsmark 2 ♂♂, ant 23.
Enfältet utf. 38, nämligen 6 ruficornis 1 ♀, very large, ant 23.
6 dentifemur 10 ♂ (ant. dateryd & Ängsmark!), 2 ♀♀ (ant. 18, 20 + 20).
6 dentifemur - parva, 10 ♂ (ant. dateryd!), 1 ♀ (ant 16), fullt av den lilla.
6 ♂ ruficornis 10 ♂, 1 ♀, ant 23+21 ruficornis ♀, var helt små, smalt pulpa.
6 ♀ fuscicornis 5 ♂♂ (ant. 21, 21, 24, 22+23).
6 nigricornis ? var. valt små, very small, 10 ♂, 1 ♀, ant. 20+16, 1 ♂ ant. 23; ♀ ant. short the body, 2 ♂.
6 rubricornis 6 ♂♂ (tibiae ant. 17, 17, 15, 18, 18 ♂ ♂); 2 ♀♀ (ant. 14 + 15); all very small.
6 fuscicornis 3 ♂♂ (ant dateryd, Ängsmark, 17+17); 1 ♀ (ant 16); all small.
6 ♂ fuscicornis 4 mkt ♂♂, ant 17, 16, 15 + 1 ♀, shiny medium.
6 tumida 1 ♂, ant. 20; 1 ♀, ant 17.
6 (16 gruppen) fuscicornis: 1 ♂ very small ♂, ant. 17.
6 (8) ruficornis 4 ♂♂ (ant. 18, 23, 22 + 22) 1 ♀, ant. 17.

20.9.44, cont. Lucan dominus, DU, cont.
Tekn. del 2, cont.

Det som saknas [illegible] ♂♂ och ♀♀.
De övriga ca ant 21
D. [illegible] ♀ ant 21
Ett [illegible] ♂ [illegible]

Resten ca ant 50 – saknas helt av [illegible]

6 ant. 2. ♀.

6 [illegible] =

Tofta ant 3. [illegible] som [illegible] Tofta Enfältet 30 + [illegible] ♂]
6 [illegible] 10 ♂ ant 21
Hanarna [illegible] ♂, [illegible] ♂ och [illegible]
6 [illegible] ♀ ant 24
Hanarna [illegible] 10 ♂ ♂ ♀ ant 21; [illegible] = [illegible]
6 [illegible] 2 = [illegible] ♂, ♀, ant. 27.
[illegible] ♂ = ♂♂ ant 27 =

20. 9. 44, evt. — Lucan, Co. Du, evt. —
Tchr. ch. 2, evt.
Afpatelan fubcutan puncture — ...
Blood examination ...
N. media — ...
Rheumatic fever ...
Auricular fibrillation ...
Digitalis ...
Rontgen E. ...
Pleural ...
Effusion ...

1st Oct. 1944 Seen & Red Evening ...
Pleural ...
2nd ...
3rd Oct 1944 Called ...
Medical ...
Vespa ...

---

for Heart — fluid passing ...
— fluid & bed ...
Cardiac ...
heart ...
Oct 7 P.M. ...

4th Oct 1944 Called ... N.N. ...
bed afternoon ...
Glucose ...
elder ...
& ... [6 months ... Nov 1st 1944.]
Heart ...
Pleural ...
Diagnosis ...
Dr. ...
Dr. ...
Dr. ...
Effusion ...
Pleural ...
Tchr. ...

8th Oct 1944 [illegible]

[illegible]

Left turnoff [illegible]
the Battle Creek Valley, please
collected 2 feet by mortars (1) [illegible]
Enemy [illegible] by rockets at 500ft (2) Col. A.
to rocket (3) a small glen below [illegible]
[illegible] still some small [illegible]
the R side of road, the L bank of the stream
road [illegible] Rs are forming position
[illegible] a few yards apart

At 500 & 1,000 ft, in road W. of pt of
Shein Thank, Co. DU [19 former numbers allocated on 21.1.1945]

Atrocities — 1 Lot 1, mt 24

Stereoscopic [illegible] of 2 roads — Lot 12.

St — of rifles? 3 [illegible] Manufacturer's mark Lot 2, Lot 21

Miscellaneous — [illegible] — 1 Lot 1, mt 33

8-10-44, cont. W. of Shein Thank, DU, cont

[illegible]

Photographs of at 1.

Photographs of at 2

108 Bombs. E. at 1 = Fuchsgrun?

[On Bombs 9 mm mm Ø Brand, Patrick Farm.]

15th Oct 1944. A Corporal [illegible]
[illegible] left room, at the W. Exit door, after a brief
search, with a [illegible] in the right hand
in Egan's hand and a cold [illegible] with the left
[illegible] of the [illegible] was [illegible]
[illegible] with the L hand [illegible] of [illegible]
[illegible] and [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible]

28th Oct 1944 A perfect day, [illegible]
[illegible] a cloudless sky [illegible]
the glass began to fall [illegible]
[illegible] by [illegible] & [illegible]
[illegible] 29th-30th night. Efforts made
[illegible] to Tolka Valley to find [illegible]
A footpath [illegible] & mill [illegible] (Ruffords)
possible & found it a mile [illegible] Tolka
[illegible] below bridge. Had [illegible] to old
[illegible] — was drained — by English. The [illegible]
[illegible] N of Cliffony [illegible] station & part N of Tolka [illegible]
on 1" O.S. Map. Below bridge [illegible] & [illegible] of land-
[illegible] on [illegible] of river & [illegible]
abandoned [illegible] & left land [illegible] & the second [illegible]
road [illegible] a kind of drain [illegible] & [illegible]
& rather a marshy [illegible] grass. On this day [illegible]
whole valley [illegible] under water & the river,
meadow & [illegible] all one big flood. Not a good
[illegible] for right reason this & other places in
Tolka Valley would still repay working. Route
home via Castleton Ho., Ramley & Bridge, Castleknock
& The Park & [illegible] Road & Finglas Rds.
Butterflies & many moths on [illegible]

23.10.1944. Contents of [illegible] in Rowan Hall, Park & [illegible] (at 43) of Parisian [illegible]?

29th Oct 1944 A perfect day, [illegible] & [illegible] N.
[illegible] & cloudless sky [illegible] & [illegible]
& [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
(1/2 ch [illegible] Jubilee Bridge) [illegible] & [illegible]
[illegible] round them & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
(1" & 2"); [illegible] other [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
& [illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]

30th Oct 1944 Rain [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] & [illegible] & [illegible] & [illegible]
[illegible] &

5th Nov 1944. Sunday
Wasps extinct now - the very latest I have
seen was a fine queen on 29 Oct - it flew
but grounded by following Sunday (5th) & died that
same night after walking a Monday 6th. Did one
very fine - forenoon (till noon) & overcast &
afternoon when a succession 'bug-hop' crowd
at 2:30 PM & it poured till afternoon 2.1.4
stacked 3/4 ton of turf
6th to 12th Very bad cold with 1st gale &
steel showers & mud rain. Snow on
Kippure on 8th
12th Nov 1944. A fine day ±, the rain
at night. Walked from Kunaya Rd W to via
Willington Ho & Templogue Bridge to Rathfarnham
bus in afternoon Saw a few redpoll &
at Willington Ho & flocks on Petrels
frequent at Templogue Bridge.
15th Nov 1944. A dry cold day with E wind
& snow shower about, but mud quite bottom.
Rode via Ballyboden & Whitehall House &
Stocking Lane Upr & Old Tallaght to Templogue &
near Jobstown & home via Tallaght

15.11.44, cont
& Templogue - bottom of fields very
wet but Ho & then v. dry & good. Snow
rocked on 16th - Then 4 left after Rathfarnham
Church & on left - this still to
& Kennedon visit & with frost. See many
wasps at rest in bags of Mitchell flower
& on wall flow cushions - many wasps
& flies basking in the sun - one queen wasp
of these ENE bags & many wasps on old
flowers about 2,000 ft.
Cranesbill in front garden with the roses
until about 4th inst!

4.12.44. The early Snowdrop attack does not
matter all of a sudden the Mist flower-bud
but as weather remained mild & wet it
very fine & sun many bees at just open
on 12th. Baffled near showing & full & fat bees at
10th Dec 44. Ice bound & Snowdrops near
front of house near Templogue Bridge end of
Butterfield Lane & come afterwards actually
out. Have got full sun over in shelter by
hedge on my home part Willington House

10-12 1944 cont

12th December 1944. A fine morning after a frosty night. Started off with the sugar van & Eden Lane, Capt Young again & finished the round by 1.30 pm. Had lunch & then set off with the load for the road - finished by tea - felt rather tired. Thought it was a good day's work. Lee Lane included.

15th December 1944. My 61st birthday. Our Foundrys were ill from dropping & was cancelled out.

17th December 1944. A wonderful fine day after a day of snow & cold & stormy night with hail showers, thaw. Started off Seven sacks & 13 3/4 C. the day opened with a thousand miles on the goods shafts from Stockton & Shelly Lodge & worked up to Red Marsh & Ludhill, then a mile up the old lane

17.12 1944 cont.

Loading up to Tubbesden. Two flocks of flowers to the Hall and Vicarage, the rest to Tubbesden & Bower Shelton, Capt. from Watson & Co. Ltd. Left at 9.30 am

Seven Sacks

22 = 24 C Bags.

Thought would be very nice to finish the day on the old 28th of the month as formerly

Left & had lunch at Tubbesden & Cross Hall & rain on morning of 24th on way to Tubbesden

Or afternoon finished with Tubbesden & Cross Hall & Stood Lodge & down via Old Bank, Tubbesden Green & Red Marsh & Bubwell, & home by Shelly Lodge & Lane. On way home (finished there & moved to Coffee Lane) & Tubbesden Lane Wagon & Horse down & Horse & Cart to Wagon yard (Neafe Bridgeman)

On afternoon of 25th rode to Newcastle

57

19 Oct

28th Sept Dec. Clear very cold mist on ground
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1945.

The year opened fine & mild with light breezes & the morning of the 2nd saw us on the hill [illegible] to take a telephone report to [illegible] Hill. It was a cold, biting S.W. wind & we were a cold, shivering [illegible] when we reached the top of the hill. Coming up the [illegible] we found the 5.30 a.m. bus & the [illegible] & Dr. [illegible] & Colly [illegible] against the [illegible] struggled on to the Mitchell Memorial "The Green Hill", by which time a fine [illegible] had formed on the district & the sun came out again, but the wind was very cold & biting. Stopped at the 1st gate & [illegible] on a bank (about 100 yards N of Mitchell Memorial) & [illegible] lunch & [illegible] & [illegible] old hope Young [illegible] & [illegible] captured. This proved to be a [illegible] for [illegible] to take such a [illegible] & [illegible] several times [illegible] & [illegible], but on the [illegible] & [illegible] [illegible]

2nd Jan '45, cont.

[illegible] Hill & Tollaught & Wellington Horse, but [illegible] [illegible]. This is my first January [illegible], Capt R.M. Bivington [illegible] in Dec 1st in 1900 says that at Farnham, Surrey, he [illegible] [illegible] every year with January 2nd & [illegible] [illegible] [illegible] any late than 4th of the month. By the evening a full gale was blowing & the glass falling, [illegible] [illegible] [illegible]

10th - 29th January 1945. Grey cold rainfall — 11 resident for many years. Oft. some frost more fall & followed by, some frost so that it lay even — the birds Lark & became flattened & icy with heavy traffic but did not melt. Canal & all pond frozen over & no boats could do anything until a fortnight.
Sudden thaw — flood on 29th we heard a great day & rain cleared away the snow by nightfall.

30th Jan. 1945. After cycle & rain all night a beautiful summer day. Like summer (comparison with frosty Arctic week).

1st & 2nd Feb 1945. Overcast all day & night. Depression with rain & storm in Atlantic — spring like weather, so that brown officers & ♂ wagtails have not quit the 6th & the flowers & weeds began — front garden on 7th, but now the garden now about 2 in waterfowl Canal on 8th. Day of February remains — bird singing with lift of colder

weather — flowers before frost — flowers had begun blooming on 6th Feb, but not by 8th at the spring stage. Ruffia Lanuginosa by back door some flowers open about 15th January. Wild rose well on its flowers — bees about 9th

8th to 16th Feb 1945. Continued rainy mild with odd days of mild sun & one or two nights with slight frost. Temperature & snow at night, but on 17th Feb after frost garden (Grandpa's) showing purple buds on Iris reticulata out amongst yellow by path bursts, Chionodoxa with its blue bells with no flowers; Primroses opening by Sept. Crocuses showed in grass, with bud still up & many more, not visible. Hyacinths on 14th had all the leaf blades by gate — flowers & the buds behind the leaf not out

On 18th (Sunday) rode in afternoon via Whitchurch Ho. & Portmeadow to see Polstead & back via Tetworth & Wilsford Manor. Cold day with sleet & wind & very bad roads. Whitchurch Ho. & by The Paddock, S. & mud from Balaclava on going, under Hillington Ho, but no other flowers seen. Some birds about on

Crocus by Polstead — bank of Polstead Brook — Polstead Church & Rectory — Polstead Hall & Church — Polstead Church & Rectory via The Grange, Polstead & back to Cordy day with Tetworth road & Wilsford Manor, Hillington Hall, Hillington Green & Wilsford on

18th Feb. 1945 cont.

Log at Rifle Hqrs. unchanged. Lt K. the
Bn. still on the way up to the front.
A bit quieter up to Hqrs. Heard from DU,
& spent some of mail from yesterday. See officials
on outside of garden & found plenty of flowers out
on Harvey Convent land. Also saw rather
out of [illegible] some of them dressed & attended
to same on Harvey Barn at 4 PM.
Sent officials (in vest loads) to front garden &
Bosworth plant of See officials with an
& two flowers for refreshing. Lit K. Cpl Sworder
[illegible] of S. off with several flowers etc, to officials.

20th Feb 1945 Early the 16th, with a [illegible] frost
several inches of snow. Early, up at 8 with Sgt
reported for 1st parade at Hqrs. & then
Spent a 1 ran flowers in Forward to Front
Farm. Flowers picked on Log Sworden See officials
in front garden & many on plant was rather
dead in back garden, beside Lord the Sworden
Tobacco mentions just passing up through
Flowers open on the Lit Zeffler Regiment with
Cont & Burrington brought on Cart yesterday from Stefonde

21-2 Feb. 1945.
Cont. [illegible] to front garden, [illegible]
[illegible] front garden, the front with one thing [illegible] and
Sent officials [illegible] to rear of the [illegible] by
[illegible] night.

21st Feb 1945. A fair many (511) by [illegible] and a few
more but no real [illegible] by [illegible]
Afternoon rode with Lt Gen to Sunday round
some route as on 18th See notes.
After lunch & before starting out for ride, saw Lt
Gen. Gardiner, spoke of [illegible] Gardiner
running himself on [illegible] under from
the [illegible] to make [illegible]
on returned at 4 PM. Lt K left [illegible]
Lt [illegible] back garden

22nd Feb 1945 Bunch [illegible] from [illegible]
some back garden to Daisy & [illegible]
13 Corridors on a [illegible]
23-24 Feb 1945. At 5.30 P.M. [illegible] the [illegible]
of Bourton (1 from dead [illegible] that it was a
of 12 Corridors) Ride dropping, [illegible] [illegible]
Locate where sound came from.

25th Feb 1945 Cloudy but mild temp 4 cool at night (50th 25th) Calm, wind light variable SW wind — almost a gale. Rain storm took place to the North & rather east of us. Decided for things to go via Tyrone Castle & the Giant's Hill to Kenmare. Left 11 o'clock Saw Ramin Galanthus in bud on road to Castle Tyrone Castle & Kilcrohane — flowers just NW of the castle.

It is rare to find Galanthus & Mediterranean Heath in bud pendulous white corolla & green & the giant = flowered Heath in bud & flower. Arbutus & Laurel abundant by roadside. Fuchsia 1940 — in full flower — but not abundant. Planted quite a few round in Kenmare also found one — seem almost dead. More plants I brought in seedlings from Derry Bellaghy Co Derry. Autumn 1940 & March 1941 I left them with Mrs Gould the gardener. The one thought at least 36 years old & we not for the 6 foot high tree of same height. Laurel did flower by Xmas & would some years ago. They frequently seed themselves here & Laurel.

26th Feb 1945 Cloudy dry & calm. Planted Laurel & Arbutus in Geoff's wood at back garden & one Arbutus in front garden. Also Fuchsia & Escallonia in front garden. Left Kenmare at 9 o'clock & reached Glengarriff at 11 AM. Left Glengarriff at 12 noon & reached Bantry at 1 PM. Left Bantry at 2 PM & reached Glengarriff at 3 PM. Left Glengarriff at 4 PM & reached Kenmare at 5 PM. Left Kenmare at 6 PM & reached Derry at 7 PM.

27th Feb 1945 A beautiful morning dry, 46 & 20 & frost & cold, & calm. Started at 9 AM & 24 & 20

Left 11 AM on a very blustery South Easterly & Westerly at front door of hut. Heard Ramin Galanthus at 1 45 PM. by me. Heavy rain during night & 28th in front garden, 14 Glenariff Rd.

28th Feb 1945 Before breakfast went out & Ramin Galanthus & Arbutus flowers. Left Derry at 9 AM & reached Belfast at 10 AM. Left Belfast at 2 PM & reached Derry at 3 PM. Left Derry at 4 PM & reached Belfast at 5 PM. Left Belfast at 6 PM & reached Derry at 7 PM. Left Derry at 8 PM & reached Belfast at 9 PM. Left Belfast at 10 PM & reached Derry at 11 PM. Left Derry at 12 midnight & reached Belfast at 1 AM. Left Belfast at 2 AM & reached Derry at 3 AM. Left Derry at 4 AM & reached Belfast at 5 AM. Left Belfast at 6 AM & reached Derry at 7 AM. Left Derry at 8 AM & reached Belfast at 9 AM. Left Belfast at 10 AM & reached Derry at 11 AM. Left Derry at 12 noon & reached Belfast at 1 P

22nd March 1945. Cloudy dry, but after dusk rain
set in until morning 3 mm rain Total.
Work by 7.40 hrs to Linen & return from Bladelli
by 5.0 hrs. Walked from Linen via Eden & Bladelli
Last removal Border Terriers 4♀, Terrelli 1♂ +
3 Cofferwins 1♀; Cobina abducens 1♀; migrans 1♂
& 1 fuscipennis 1♀ from Terrarium. Weather in pm
flies & some plant. Hot and Cyclo flies & feeder
cultures during the pm visit (= 2 Visits)

23rd March an even more perfect day. 4♀ Cob. sp., Hoplo
tarsalis & fly. glauca.

24th March. Fine - persons, dull - afternoon. 3 mm.
Diffuse rain & still falling. Between 7 & 8 PM
the east & dull sun one of each of Border, Terrier
& 3 Terriers in back garden, the first on Hornig Count
& the latter on Selsi and 1♂ again into Cage.

Garden notes. First earthworm showing on bare clods
on 21.3.45. First Vanessa ♀ seen on 22.3. 1st Hymenoptera
Goldilocks first flower opened (after snow) on 24th.

25th March 1945. Sunny & warm - fine
fine - afternoon, wind SW & strong
Rode to The Green Hall & back via Eyam
Castle & Tor Lane - afternoon.
Linen forbidden, Vole Lick & many other
flowers now out, notice especially Primrose
Periwinkle & Small Celandine starting.

26th March 1945. Left home rain & drizzle
& fine afternoon with sun. Rode SW - S
Rode via Bladelli to Eden & back Eyam
again. Hedges all green & coming to life
Saw from train the country white with
Blackthorn blossom. Celandine & Coltsfoot
in flower & in my garden many of the
spring flowers. Solanum crantzii still flowering
under Eden, Rose Sawflies (Arge species)
& Green Sap underwing flying from afternoon.
Evening afternoon rain in London & at
Eden. Border terriers & 3 Linen, 1 to Colin
Andrena albicans ♂ & Andrena nigroaenea ♀♀ ♂

29th March 1945. Small Cloud Bathurst - Cold front
at 2.30 PM Left Linen Border Terriers ♀ &
3 Linen ♀ of Hard canned flies - Rain & sun all
in - potato crop of Small Cloud Bathurst at 2.30 PM

3d April – 2nd April 1945 (Good Friday – Easter Monday)
Left work a week for with a day's depression
with violent gale (SW-W- NW) [illegible] on
31st March – 1st April. It began [illegible] afternoon of
evening of 30th. Vegetation about 4 & 6 weeks ahead
of normal years. Horse Chestnuts all in leaf & some with
flowers: one in Trinity Hall ground, Barton Road,
on 30th. Elms in leaf on Long Leys & at The
Hermitage, Sallows, Pedunculate oaks still in bud
& one with catkins dangling on 1st April. Lime &
Plane trees in Hermitage Grove in front of Hall have
buds about green with unfolding leaves on
2nd April (Black mass for day with a long shoot) & by
noon on 3rd. Hawthorn still [illegible] buds, & [illegible]
Looks like May rather than 1st April.
Rabbits moving [illegible] in Park front & back
gardens all showing tracks & often in front in
flower for some days. Orchis mascula in flower (Copse
Hill side) – bud garden on 2nd April; also Lords & Ladies
[illegible] & garden in (Hands rubbish heap).

4th April 1945. Left home at 8.30 p.m. [illegible]
[illegible] Hedgerow Elm [illegible] Hedges
Elm on [illegible] [illegible] [illegible] [illegible]
Hedges of [illegible] remain
[illegible] [illegible] [illegible] [illegible]
appeared [illegible] [illegible] [illegible] [illegible]
Land. The marsh [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
house "Rattcliffe" [illegible] [illegible]
Bridge. [illegible] [illegible] [illegible]
& Fr. Anthony Gregson walked to the site of
[illegible] just S of a house "Decoy" for catching
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

4.4.45 cont Rattcoffs, Glenjorn. Hord Co KD, cont

of Grant-Dent skeleton bar — the hard bone fem planted up closely.

On removing the contained earth we have now exposed all of the flat portion of the underside of the skull.

The following is a rough sketch of same, the bone itself did not appear to have been disturbed by the plough.

Old ratchae the first vibe, many other vibes, 1st cervical vertebra, external radius 3 coffin bone, several 1st & 2nd phalanges, scapula - calcined & fragments of shell & in same area but ± disturbed by plough.

4.4.45 cont.

The section over the field plough soil is 0-9" dark grey loam mixed by plough & W. edge of bone bearing dark loam under. Structure as follows:—

On taking out one scapula a complete mass of shell & bone at least one inch thick was found in situ (the scapula) resting on its upper surface & that of the bone which ran up the left hand bottom for the S. & SW. Soil below also seen under edge of one of the old bones, but after layer of marl & gravel disturbed by action of water & roots, which has allowed the bone to sink downwards into it for at least six inches in some places.

A 4 45 Lond

On [illegible] to Harper on Road — [illegible] Road on Bluff, about Bellbridge, but on shoulder of car Starboard — flown in Hotel via Hazelhotel, 2 or 3 [illegible] Landsborough flown — top of Rattaffe & for Bramble Bay, harder even but more sheltered. Left Rattaffe NS at 7.5 & [illegible] home via Maryvale, Lucas, Bloodlin [illegible] at 9 P.M.

N

W E

S

Dalkey

Nod of Tetrahedrum

Hyatt

Sorrento Pr

Foot Bridge

SEA ROAD

RAILWAY

Store

K

L

L

L

L

Z

F

Y

B

A

Y

Sketch shewing place where D P Walsh found nest of Tetrahedrum conglobatum on lower edge of footpath one yard off the Vico Road.

p. 316 A.

Collected by Phil. Harwood
in a marshy spot called 'The Bogal', at
Loch Alvie Cottage, near Aviemore,
E. Inverness, Scotland.

26 June 1947. [15 labelled 9.11.1949 'A-W S.']

Bdellomicus mitigatus gen. ♀, ant. 26.

Spilogyne cf. migrator var. ant. red at base, ♂:
1♂ very large ♂♂, no ♀ no. [illegible]; ant. 11 32 mg.
[? Hunsdon trial 1 not accepted 'A-W S.]

Stenamma cf. westwoodi large ♂, ant. 27: very large head.

Euncyclus tibialis: 3 ♀♀ (1), ant. 24, 26 & 27.

T. albicinctus 1 (♀?), ant. 26.

Homoeidus ornatus small ♀, ant. 22.

Protarchus tentatorius ♀.

Microgaster tibialis group: large ♂.

=

Eurinus cf. ochropus ♀, ant. 34.

Procto. 1 =

4 h. 45 land.

On journey to Cleopatra Head – mainly land and Coffeeliffs about Coltridge, but some clearings and Stinkwood – flora in detail near Hazelhotel, 2000 ft. Cardamine africana abundant on Cedarberg flora – top at Koffiefontein and a few Bramble bear heard in near but rare identified Left Potkaffe NS at 7.5 h. reached via Maywood, Lion, Riddle, and at 9 h. [illegible]

5th April 1945. 6 fine day [illegible] W. Slope. In afternoon rode on Cedar to Fr. House. Ordnyl Cottage. Road back at long via Koffiefontein. Sc. Equisetum hyemale in hedge below Roadbank at Fr. House, pink F. & W. of gate not the normal Colour or type as W. side of road.

[at 1 Fort, on return from house was a small Old Cottage – Limits Cd, Northern.]

Sand-flora N. Stinkwood & Geranium Road to S. of Fontein.

8th April 1945. Cooperat day – all the day – Col. H. and E. house. Did not go out – farmers left about 8 to 5 in field parties. Long Columnar – flora, also Col. in fruit & dry – a few species of sedge – Equisetum, Cyperaceae, Liliaceae & Iridaceae. Euphorbia not out. Col. H. plant of Cretodophyton, Stinkwood, Proteas – full flower. Several Duiwel's Nite Coffeeflies – parasitic on dead (? poisoned) Duiwel.

9th April 1945. Euphorbia Columnaris (Euphorbia?) in fruit garden in flower. Cercidiphyllum out.

10th April 1945 (Tuesday).

Off a dull morning & beautiful sunset after rain but strong cold E wind. Left Caterham 10.45 on bike & Esher by 12.30. Rode up Grand Canal at Glendalough & Ballyknockan & then to Baker. Tried many of the plants dried 3 of camel ½ a bit of each specimen to date for, but each visit adds a few plants & often a couple of new species. For records taken here see below:—

Willow Warbler singing along canal, with Chiff Chaff, a few Sedge Warbler singing down canal & full song & call (perhaps the same one) seen by Baker late.

Cardamine pratensis — flower by canal & drain. Hawthorn nearly, but not quite out.

Insects except by drain & Esher few & far between.

Grand Canal, Glendalough, 9.DU.

Schizomeria 2 ooth of a sp of Hypocreaceae, red stroma, which is usually on, sometimes only on, wood. Not sure Brassicaceae 1 = Cardamine hirsuta ss. auct. ll [Wild Rd 2.5.1945]

11th April 1945. Early morning frost & cold very bright sun & cold strong NE wind. Left Caterham 10.45 & Esher by 12.30. Collected for identification & records in mid May. Visited all of 3 sq. Hs on way & many similar by 15th mile. Top Esher Common for 2nd & 3rd hours. 2nd flower spp = Ranunculus repens, Veronica arvensis, Viola riviniana, Orchis mascula & Viola sp. in bud on 15th. Saw on Surrey side of Esher Common Rd. at 2 PM on 3rd but not during the period. Willow Warbler singing (1st year) in garden some time 5 sq. Hs Chiff Chaff. Bryophytes collected = Plagiochila 1 sp. = Plagiochila asplenioides, Lophocolea bidentata, Lophocolea cuspidata, Lophocolea heterophylla, Scapania undulata, Frullania tamarisci, Radula complanata, Porella platyphylla, Hypnum cupressiforme, Rhytidiadelphus squarrosus, Rhytidiadelphus triquetrus, Hylocomium splendens, Thuidium tamariscinum, Brachythecium rutabulum, Eurhynchium praelongum, Eurhynchium striatum, Plagiothecium undulatum, Mnium hornum, Mnium undulatum, Fissidens taxifolius, Dicranella heteromalla, Dicranum scoparium, Campylopus flexuosus, Campylopus pyriformis, Ceratodon purpureus, Polytrichum formosum, Polytrichum juniperinum, Polytrichum commune, Pogonatum aloides, Pogonatum urnigerum, Diphyscium foliosum, Fissidens bryoides, Fissidens adianthoides, Fissidens taxifolius, Tortella tortuosa, Tortula muralis, Grimmia pulvinata, Rhacomitrium aciculare, Rhacomitrium heterostichum, Racomitrium lanuginosum, Ptychomitrium polyphyllum, Orthodontium lineare, Leucobryum glaucum, Fissidens incurvus, Fissidens viridulus, Fissidens pusillus, Fissidens exilis, Fissidens rufulus, Fissidens crassipes, Fissidens curnowii, Fissidens dubius, Fissidens polyphyllus, Fissidens osmundoides

19th April 1945 An almost perfect summer's day. A light NE breeze. Very hot sun all day & many insects flying. Camped up at 1200 ft. SW. Took our first day of the year's census. Rode to head of upper reservoir in Glenmore & S.W. then walked up the Slad. Brook to about 900 ft. & had lunch. Spent the rest of the day (after the Summit) & slept here & then amongst Vaccinium. Left at 6 afternoon tea at 4 P.M. & returned reached home at 6 P.M. [Specimens etc. in Coll. 19.4.45]

Slade Brook, Glenmore, c. DU. a. 800-1200 ft.

Bombus lucorum ♀♀ common on the upper reaches.

Andrena albicans ♂♂ common.

[A. fulvicrus ♀ ? Attach this of one in Vaccinium]

Halictus rubicundus ♀♀ common at low level at 1000 ft. all.

Nomada sp. 2 ♂♂ seen run but flies

Formica fusca ♀♀ seen.

Vespa rufa, vulgaris & norvegica (?) ♀♀ seen

19.4.45 cont. Slade Brook, DU, cont.

Diptera: Drone fly, 4 examined.

D. germanica ♂

Empis sp. ♂ = Empidae

Stratiomys sp. ♀ = Stratiomyidae

Solenopsis geminata ♀, pinned

Myrmica sp. 1 ♀ = Myrmicinae, various ♀♀, pinned

Lasius (niger ?) 120 ♀♀ (more about) & 1 ♂ at Coll.

♀ with dark under wing = Lasius sp. (Dendrolasius ?)

[Solenopsis fugax ♂♂ in tops of fruit trees by Rhagium bifasciata]

Lasius sp. ♀ on Tricoma, dark legs, 6 mm. ♂♂

Leucorrhinia caudalis ♀, all red legs, ant. 30.

Brachytron pratense ♂ ? not str.

Sympetrum sanguineum ♂♂, not str.

St. pedemontana ♂ ♂ ? not str.

Campsteles ♀♀ ♂ ♂ fully mated 09, ant. 28.

Campsteles abundant. 21 in meadow by R.

19 4 45, cont. Slade Brook, Dev., cont.

Grasshopper: 3 ♂♂, one mile = mt. 34.
Meadow-grasshopper: 3 ♂♂, 1 ♀: one mile = mt. 34.

Helicella: 1 ♂: mt. 34.

Bracon of [illegible] 9, mt. Lyme Regis, Dorset, 1 April [illegible]
Spondylis pubicollis prof. 3 ♂♂: mt. 34.
Evania [illegible] ♂, pavement, Lyme Regis, Dorset, 1 April [illegible]
Cryptocephalus [illegible] 9, mt. 34.
Anfiloka sp. 12, mt. 11 ♂♂, at bait of 9: 10, 15 mt. 14.
= 6 of [illegible] 10, mt. 23, 14, mt. 16.

Dasyuris apicata ♂ } mt. 34.
D. bifasciatella 10 }
D. [illegible] prof. abundant, mt. Lyme Regis, Dorset, 1 April [illegible]
Protolis, one [illegible] Italy: mt. 34.

19 4 45, cont. Slade Brook, Dev., cont.
Anfiloka: 4 mt. 14, mt. 16.
Trupanea: 2 species: 2 mt. 34.

Proctotrupes: 6 mt. 34.

Chalcis: 1 =

Beetles common under logs, large purple Carabus.
Bird-song early: 6 per mile off hedge from 9.30 m.

Vegetation below 700 ft. very far advanced & much
Hawthorn in full flower. Wood Anemone
flower at 1,000 ft. Lotus corniculatus & Geum urbanum
but some buds in flower & poor mt. end.
Sep. stellaris only — one poor plant in
flower but. Rumex in bud but not many
not, Hyp. all in full leaf. Bracken just
in leaf at 1000 ft. Hyp. fund. Bracken 12" high.
[On Whitethroat singing between Talaton & Old Down,
6 miles N. of head of Upper reservoir. Dead Martins
numerous at Bodremburn, & one Swallow. Many House
Martins over Hodder via Trumpletop. Chiffchaff at
Willowbarton.

22nd April 1945 [illegible]

[illegible] afternoon took [illegible]
(3 PM) I walked up to the [illegible]
NE of Rollinsburg for [illegible]
explosive. The object at which we
were firing was a [illegible] on
an [illegible] target which [illegible]
[illegible] was made by piling [illegible]
in [illegible] and covering it by [illegible]
palisade. Whilst the cyclists were
under Cowley Hart & Edwards
about 6pt in height we double [illegible]
[illegible] Edwards in turn fired two rounds.
Collected one round for 3 rounds
I think [illegible] fired

22–29th April 1945. The first half of each working
day with my Det was [illegible] to 10 [illegible]
[illegible] some time was spent [illegible]
[illegible] Each [illegible] was [illegible]
[illegible] was made by piling [illegible]
in [illegible] and covering it by [illegible]
palisade. Whilst the cyclists were
under Cowley Hart & Edwards
about 6pt in height we double [illegible]
[illegible] Edwards in turn fired two rounds.
Collected one round for 3 rounds
I think [illegible] fired

22nd April 1945
[illegible] wanted on [illegible]

30th April – 2nd May 1945. Very cold with [illegible]
[illegible] night 30th Apl – 1st May [illegible]
[illegible] [illegible]

3rd – 7th May 1945.
During the period the [illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

10th May 1945. Door at entrance Pastel and pencil and E.E. Woodroffe
Iron Rockabill Island by one of the Fjellbergen =

12th May 1945 Field flowers on Common about
of these Lamiaceae (Labiatae) on Fenland Garden
Field usually has not flowers but only
in June, but also flowered early last year

12th - 20th May 1945 Gales on 13th Rain 14th 15th
cold temperature last about on from
morning of 13th. Frost until all until 18th Rain
& snow on Glen started to fall heavy on 18th and
rain on night of 19-20th & on for some of other Islands
snow & ice Lakes are frozen (Common)
on flowers of Columbine in Fenland Garden

18th May 1945 Hyacinthus Planted 22 tubes in garden

67.

Co. Tipperary – Dublin Thu 19th Oct

24th Aug 1944

To spend my time among the unfortunate
after a month in hospital.
Left Dublin by 10 AM train – crowded
Reached Limerick at 1.30, walked out by
Ennis Road from Clarion Hotel with kit bag, suitcase
Mc-Brien, myself & Sergeant Baker –
rode on bikes to remount depot*.
At Ennis road I met W.A.A.F.
Tipperary town, now partly drained &
Le[vel] filled in by town refuse dump
Town of Hare hit & still suffering
with Death looked for place – visited
Clarion Mansion, town centre & bus
& funicular & tramway & railway
& Gardens (1st v. powerful) & Parliament
Commercial Hotel & Bruree asylum –
operates (4-1 – 10 am). [Entered into Nov 1944]
Parents met day & rode of round
Dolan, Palatine &c. Phone &
Tea block operation =

Tornado Killeen ♀

* Commonwealth Reinforcement Depot

68.

24 Sept 1944, Sunday. Arrival from Tipperary to Dublin.
= Hospital Food etc =
[illegible] 7 am to [illegible]
[illegible]
[illegible]
[

25th May 1925. Small rain in the night, rain in the morning, then dull & overcast & damp. Left office at 8.45 a.m. Spent 2 hours until 10.45 a.m. in the Museum. Left Leith at 10.45 a.m. & reached the Colby Bridge, 4 of the way to Hillend, at 11.30 a.m. Left 2,109 ft. in E side of Glen Anderson & made NE of the plants on W slope of the mount & on the crags to S.W. of summit. On the dry slope most Empetrum nigrum & on the crags Salix repens, Carex rupestris, Lycopodium Selago, Thuidium tamariscinum, Rhytidiadelphus squarrosus, Hypnum cupressiforme, Hylocomium splendens, Viola Riviniana, on gully with many plants of Primula in full flower, Galium saxatile, Sagina procumbens, Asplenium trichomanes, &c.

Did not return by same route!

26th May 1925. Cold showery day. Left office at 8.45 a.m. Spent 2 hours about Spring Gardens & Waverley Station. Took train at 10.45 a.m. to Leith & then 11 o'clock tram to Trinity & walked to Colby Bridge, being shown off car by conductor [Obliterated - wrote to Edinburgh Corporation 4.6.1925.]

Lichenes collected? ✗ ✗ ✗ ✗

Hepaticae ✗ at 2 not rec.

Coniothyrium ✗ not rec.

Fungi ✗ at 2° = Polyporus [illegible] not rec.

Endodigon sphaeroides at 2. not rec.

Polytrichum piliferum at 2, not rec.

Rhytidiadelphus squarrosus 2 ✗ at 2, on wall (not rec.), Hylocomium splendens (not rec.)

Empetrum nigrum ✗ at 2, not rec.

Orthodontium lineare : smooth after ✗ at 2, not rec.

Lycopodium = } not rec.
Selaginella }

27th May 1945. After a fine early morning a heavy fog came on, first at high altitude, but a thick fog formed on the flat from Tiffany's by Knockboy, the Cat round the foot of Cnoc a Gleitir. Sun struggled & formed pools off & on all morning. In forenoon short 6 weeks of heavy S. Ballycuggaran & Knockboy & Cnoc a Gleitir, & mainly & broad-leaved wood, but after one crossed a shoulder reduced to bare. After dinner rode to Ballycuggaran & ascended Knockboy from E. Rhu past Meenafoin carn to (ca 1½ hours) & Seanfoga hills, very hilly for, & much S. by W. Obliged to climb stiffish hill plants in one area of reduced pasture just E. of area covered by dotted Whitethorn bushes & here noted Habenaria bifolia, Gymnadenia Conopsea & Ophioglossum vulgatum, with many common plants; alt. ca 900/1000 ft.

ST-LK

27.5.45, cont.
Ascended north to highest point of hill S. of Knockboy & Ballycuggaran cairn, C. ST. = 1.
Polygonum viviparum & Saxifraga stellaris.
Alchemilla [illegible] = 2.
Thalictrum [illegible] & Thymus [illegible] = 3.
Potentilla [illegible] & Saxifraga [illegible] = 4.
Potentilla [illegible] = 5.

27.5.45 cont. noon etc.
Ascended ridge S. Ballycuggaran knoll, ST. 12-30 - 1-30 noon. = 2.
Ballycuggaran ridge rounded over mainly Nardus & acid Festuca heath.
Rhu Tyé heather.
Ballycuggaran 3 ooo, principally Br. Gwendolen Grattan report & at head stream.

28th May 1945. Calm day, with showers & thunder storm about 2 afternoon, but none on Galtymore when we were. Left hotel at 11 AM. & rode across valley & walked up Glencushnatinna, across head of same to withi view of L. Diheen, then saw & gathered Sax. hypnoides then up to top of moraine, where had lunch, & late explored cliff & bank of lake from lake level to highest cliffs at S.W. corner of the corrie. In rocky place on way up saw the large green rosettes form of Saxifraga — probably the hirta v. genuina of Hart's list — at other places saw & gathered a more hairy form more Hart's Sax. hirta v affinis. At about 2400 ft. facing (N.2.S.) found two nice clumps of Rubus saxatilis & finally at bottom end of the highest range of cliffs he found Hart's "few & poor plants" of Saxifraga affinis for which we have four times before (1943-1944) searched this cliff, but found it by a few feet, later went along (eastward) top of cliff & saw Salix herbacea at

foot of big gully & of this on E. side ridge. Took two of the big Helix nemoralis on cliffs at about 2,200 ft.

Saw a Painted Lady Butterfly on the moor at ca 600 ft. at 11 30 AM.

After leaving L. Diheen, walked on Galtymore round head of corrie above L. Cuore, past the stiff little Crag on it, down to Cab & so home at 8.30 PM.

The plants of Saxifraga affinis had no flowers - the buds with flowers almost out.

Sept a for mist on moraine round N.E. corner of L. Diheen, where the following taken, but others made further search for — in vain. —

[illegible] recorded — mostly beetles — & Lias Colville on 5-8-1946.]
Entomology of [illegible] Vol. 2 pt. 2 p. 88. Thompson [illegible] pt. 1 pp. 22.
Staphylinidae [illegible] pt. 17.
Cryptophagus [illegible] Vol. 5 pt. 36. — mostly collected
Stenocorus [illegible] Vol. 3 pt. 52. 3 pp. 1-3 pt. 23-24
Brown, characteristics of [illegible] with 23 species [illegible] and Hind wings [illegible]
[illegible] species 17 pt. 20
Beetles 6 = Entomologia [illegible] Insecta [illegible] Coleoptera [illegible]
Chlorops [illegible] 2 spp of Tachyporus spp? See [illegible] 10 AM.
3000 ft summit of Galtymore — Heraclium sp pt. 16 — water damaged =
Beetle = Eastern records [illegible] to 1944

29H Aug 1945. 5 dull days, with showers on four occasions. Spent morning, mid-day & afternoon, & evening, in afternoon spent several hours in field on south bank of Alston River between Alston Block & mast bridge to N.; also night-work mid-day, but most time spent in evening - plenty about then.

Insects collected in Camp Sq Alston Block, Alston, Co. ST.

Cryptocnitis G. non rtd.

Barrowia Fasciculata ♂. not rtd.
Brunetia cognata ♂. not rtd.
Nemedrosa sp ♂ not rtd.

Sclerosia Crispidiana ♂. not rtd.
Scioptera fuscicornis ♂. not rtd.
Orthoptera ? Locusta sp., ant. 18. O. sp ♀ ant. 22.
Grylloidea G = A. fuscicornis, ♂ stained ♀, ant. 15.
A. alata named ♀, ant. 23.
G. sp. 3 ♂♂, ant 13, 15 & 10; possibly 4 sp. ♂ ♂ & 1 ♀ at present not rtd
G (Sp. Ldr) ♂♂, not rtd. any Dbrand / 0.11.5 S.T. 1945

29. 5. 45, cont. Alston, C. ST.

Brunnea dimidia ♂ 2nd. D. dispositalis ♀ 2nd 27 with 19 eggs and
D. fasciata ♀ 2nd. D. sp(?) Ld 1 not rtd. 1 not rtd.
L. [illegible] ♂ not rtd.

Nemedrosa sp ♂, ant. 17
Cephalonia tenuicornis ♂ ant 21 & ♀ ant 23
Odontura sp ♂

Prodotis - 8

not rtd.

Rhodia 1
Epicnaptera 1

Sericoda Tachinidia bicolor 1 not rtd
T. alba.

Beetles: some collected & changed for [illegible]

30th May 1945. A quick fine day & the end
of a long U. Kuza & Nowa, & I to Bad
Salzuflen in A motorbus.
Left Detmold 11.15 a.m. and reached the
village of Schwalenberg a little before 12.
& the Bus-driver was kind enough to
stop near the top of the hill where
there was a large patch of Vaccinium
Myrtillus and we picked for the rest
of the time we had to spare. Found
plant - Sep. of Leaves, S. of Plant glabrous,
Sep. ovate & Cor. Yellow, Calyx tubular,
Veins Vate:- Ldra, Rubus nessleri (the only plant a
cliff great about & track N. of & top. It must
certainly find on those cliffs was Rubus Lasiog
(M.D.S.) when he discovered those specimens
Salzuflen however was a little & hundred or more
feet above the track, a little south of where the
track met. Later we separated & I worked
along the adjacent cliffs on the east of & Bus-
but found little of interest, except for a few plants
of Sax. Plat, foliole petiolate & one of the largest galliga.
I ever worked after cliffs just east of the gap

30.5.45 cont. & Bus-driver was cont.
I left & and walked to Lemgo & met up with
& Bus & from & on back to Detmold where we
had a Pfannkuchen in a cafe in
Detmold until walked over from & gap to &
Lake via small wood, where we had our
usual Sup of Milk & S. of Pfannkuchen, some
S. undecora & non-dec galls. Sax. Rosette
left out; a Lab also was noticed & Sax. Rosette
Yellow & this of Lem, but afternoon Sax. & the Lake
flats is most unlikely to have escaped
the eye as it & plant likely - very &
Rubus discovered a small patch of Lotus
pannulatus & I on ridge also of Equisetum limosum
to very close across Pfannkuchenhaus and
small Viola palustris, on small patch of
Hydrocotyle vulgaris (at ca gap), also some of
Equisetum limosum, Selaginella galericulata, one patch
of Carex paniculata (sterile) & other plant near
Lake 1944, but not Equisetum sylvaticum &
not Hard Lingulata Lusitanica.

31st May 1945. Heavy rain & strong cold wind
most of night & morning. Rain & wind
decreased in afternoon but persisted in evening. Wet
& boisterous throughout remainder of day. Afternoon
walked up part "A" Line & Round "Rock"
W. & NW. Sheffield Burn. Line [illegible] at 4 days
after. Flowers & vegetation much advanced since
previous visit. Found a number of Rock,
Wall & Bell Heath not yet in flower, & many
of the native plants

Bird life noticed as follows:

1st June 1945.

Light showers during night & morning with occasional
sunshine. Rain set in at 9 AM. & then continued
heavily throughout day. Wind S.W. to W.
by N.

Left hotel at 9.30 & walked via Head Dyke
& Greenbraehowe to Cliff Farm, then across
moor to outlet of S. Burkeen, up cliffs E. of
same & on to Ll. Burkeen. Rain continued.
After lunch spent an hour at base of cliffs & saw

the usual plants, which it is not worth while to
detail elsewhere, as they are found throughout
the whole of the Burkeen area. Rock Rose,
Round-leaved, Common Sandwort
Rock sea-spurrey, Thrift, Scurvy Grass,
Wall Bell Heath, Sea Campion, Sea Plantain,
Sea Milkwort, Sea Pearlwort, Sea Hawkbit
(of Heat.); Sea Spleenwort
in abundance on cliffs with Lesser Periwinkle,
Sea Aster, Sea Arrowgrass, the same eight plants of Scrophularia
vulgaris seen in June 1944; Hedge Mustard
Hedge Parsley, Cow Parsley, Hedge
Woundwort, Ground Ivy, Germander Speedwell,
Dog Violet, Wild Strawberry, Lesser
Stitchwort, Bluebell, Primrose, Cuckoo Flower
& Ground Ivy. Also a few plants of Sea Milkwort
& Sea Plantain, & a single plant of Sea Aster
on cliffs at Greenbraehowe. Bird life poor.
Saw Skylark, Meadow Pipit, Wheatear, Rock Pipit,
Starling (young ones), Herring Gull, Lesser Black-backed
Gull, Fulmar, Shag, Rock Dove, Oystercatcher,
Curlew, Redshank, Ringed Plover, Golden Plover,
Snipe, Lapwing, Eider Duck, Mallard, Tufted Duck,
Red-breasted Merganser, Wigeon, Teal, Pintail,
Shoveler, Gadwall, Pochard, Scaup, Goldeneye,
Long-tailed Duck, Velvet Scoter, Common Scoter,
Red-throated Diver, Great Northern Diver,
Black-throated Diver, Slavonian Grebe, Red-necked
Grebe, Great Crested Grebe, Little Grebe,
Black Guillemot, Razorbill, Puffin, Arctic Tern,
Common Tern, Sandwich Tern, Roseate Tern,
Black-headed Gull, Kittiwake, Common Gull,
Great Black-backed Gull, Lesser Black-backed Gull,
Herring Gull, Iceland Gull, Glaucous Gull,
Great Skua, Arctic Skua, Pomarine Skua,
Long-tailed Skua, Gannet, Cormorant, Shag,
Red-throated Diver, Great Northern Diver,
Black-throated Diver, Slavonian Grebe, Red-necked
Grebe, Great Crested Grebe, Little Grebe,
Black Guillemot, Razorbill, Puffin, Arctic Tern,
Common Tern, Sandwich Tern, Roseate Tern,
Black-headed Gull, Kittiwake, Common Gull,
Great Black-backed Gull, Lesser Black-backed Gull,
Herring Gull, Iceland Gull, Glaucous Gull,
Great Skua, Arctic Skua, Pomarine Skua,
Long-tailed Skua, Gannet, Cormorant, Shag,

Hedge Woundwort found here also on 6.6.45.

2–3 June 1905. 6 pleasanter day than last, but
rained by heavy & frequent showers, especially
in afternoon.
Afternoon spent in boat from Lower
Camp to Ellis, round N. point of Ellis & to
mouth of Battersby Lr., Bellenden, Sunday ST.
& afternoon. Night & Rod in Jackets
to Glencannon, Co. LK., 13 miles NNE of Killaloe-
town (Allen R.C. Rectory, 2 fine years ago, discovering
Euphrasia Salisburgensis — in found the Plant, but
evidently a transient plant, but in no large
number & only 1 flowering root, growing in a
footway depot. Here saw most Euphrasia in roadside
but not so abundant & as rigid as in bad of glen
produced no Hieracium.

[38 miles = 1 hour 20 minutes on 3.7 speed]

Lunch on left crossed ford. Took in
train of Battersby Lr., Bellenden account 5.57
Dicranella heteromalla rosea var., Ephydra M. nervulata
Butterfly. Good Ste / Rhod in gate course in N. direct.
Ant. Leptothorax acervorum ♀ on stump of E end of ford.
Erythraea 5. more old.

2.6.05, cont. Ford, Battersby, Lr. to F., cont.
Pyrola decorata 2 more not old.
Zygodon ? rupestris 4 or 5 more.
Melobasis ♂ 30 or 40, ♀ not so [illegible] common
on the Campsteyd 20 or 30 ♂, 10 ♀.

Braconid Galerita 2 or 3, not old.
Braconid undetd ♀, very nice, ent 30.

Pharoscarpa on Tabular Steps. 1 ♂ (antenna [illegible])

Dacnusa off Ant 15 specimens noted —
D. divisula ♀ not old
D. pubescens 1 very fine ♂, ent 25, the smallest smaller & still fully developed
D. of arcalaris ♀, ent 21, rather dusky legs, but tarsi rather marked
D. of brunnea Nees ♂, ent 30
D. fulvicornis 5 or 6 ♂, 1 ♀, ent 29 more ♀ taken Dec 31/28 5/04.
D. (Pygmocrepis) abyssinica (= nitidipennis id.) 2 ♂♂ (ent 27-28), 1 ♀ (ent 29).
D. (♀) Dinotypus ♀ 2 ♂♂ (ent 31-32), 4 ♀♀ (ent 28, 29, 29, 29).
D. (♀) exhalata 2 ♂♂, ent 32-34.

v 5-6.5 cal. Sand, Cultrina sand, 5 Tg sand.
Thuenna conjuga 0% n-t 24

Skeletal fragments mid: 35%, mst. ost 16-29

Epifauna dolosten = Fo sst 11, v 3 — 5
Infauna fg s sandy mg sst, ost 14, 29 0 —
= Monotypic cenosis of Pholad 1 v 5 3-5 spec.
Fragm. objects = y mixed 5, pst ost 15 29, ostrac.
Burrows, 2 = bdf std. cenosis =
Remarks

3rd June 1945. Resting after the hard climb up from Sinclair's Knoll, the sandstone cliffs on the left are seen to be composed of fine sandstone, with occasional bands of pebbles. Some of the pebbles are of quartz, but most are of igneous rock. The sandstone is very fossiliferous, and contains numerous specimens of Cultrina sand, Thuenna conjuga, and Pholadomya. Fragments of Echinoderms are also present, and a few Lamellibranch casts. Some of the pebbles are of igneous rock, and contain numerous specimens of Cultrina sand, Thuenna conjuga, and Pholadomya. Fragments of Echinoderms are also present, and a few Lamellibranch casts.

[Ground mounted radar installed on 10-2-1940 ?]

While in the sandstone, Gulley noticed, [illegible] a number of [illegible] specimens of Cultrina sand, Thuenna conjuga, and Pholadomya. Fragments of Echinoderms are also present, and a few Lamellibranch casts. Some of the pebbles are of igneous rock, and contain numerous specimens of Cultrina sand, Thuenna conjuga, and Pholadomya. Fragments of Echinoderms are also present, and a few Lamellibranch casts.

4th June 1945 Rain fine but cloudy. Left camp at 10.30 AM. Left Lk. 2 at 11.45 AM, left Lk. 1 at 12.30 PM, left Lk. 3 at 1.30 PM, left Lk. 4 at 2.30 PM, left Lk. 5 at 3.30 PM, left Lk. 6 at 4.30 PM, left Lk. 7 at 5.30 PM, left Lk. 8 at 6.30 PM, left Lk. 9 at 7.30 PM, left Lk. 10 at 8.30 PM, left Lk. 11 at 9.30 PM, left Lk. 12 at 10.30 PM, left Lk. 13 at 11.30 PM, left Lk. 14 at 12.30 AM, left Lk. 15 at 1.30 AM, left Lk. 16 at 2.30 AM, left Lk. 17 at 3.30 AM, left Lk. 18 at 4.30 AM, left Lk. 19 at 5.30 AM, left Lk. 20 at 6.30 AM, left Lk. 21 at 7.30 AM, left Lk. 22 at 8.30 AM, left Lk. 23 at 9.30 AM, left Lk. 24 at 10.30 AM, left Lk. 25 at 11.30 AM, left Lk. 26 at 12.30 PM, left Lk. 27 at 1.30 PM, left Lk. 28 at 2.30 PM, left Lk. 29 at 3.30 PM, left Lk. 30 at 4.30 PM, left Lk. 31 at 5.30 PM, left Lk. 32 at 6.30 PM, left Lk. 33 at 7.30 PM, left Lk. 34 at 8.30 PM, left Lk. 35 at 9.30 PM, left Lk. 36 at 10.30 PM, left Lk. 37 at 11.30 PM, left Lk. 38 at 12.30 AM, left Lk. 39 at 1.30 AM, left Lk. 40 at 2.30 AM, left Lk. 41 at 3.30 AM, left Lk. 42 at 4.30 AM, left Lk. 43 at 5.30 AM, left Lk. 44 at 6.30 AM, left Lk. 45 at 7.30 AM, left Lk. 46 at 8.30 AM, left Lk. 47 at 9.30 AM, left Lk. 48 at 10.30 AM, left Lk. 49 at 11.30 AM, left Lk. 50 at 12.30 PM, left Lk. 51 at 1.30 PM, left Lk. 52 at 2.30 PM, left Lk. 53 at 3.30 PM, left Lk. 54 at 4.30 PM, left Lk. 55 at 5.30 PM, left Lk. 56 at 6.30 PM, left Lk. 57 at 7.30 PM, left Lk. 58 at 8.30 PM, left Lk. 59 at 9.30 PM, left Lk. 60 at 10.30 PM, left Lk. 61 at 11.30 PM, left Lk. 62 at 12.30 AM, left Lk. 63 at 1.30 AM, left Lk. 64 at 2.30 AM, left Lk. 65 at 3.30 AM, left Lk. 66 at 4.30 AM, left Lk. 67 at 5.30 AM, left Lk. 68 at 6.30 AM, left Lk. 69 at 7.30 AM, left Lk. 70 at 8.30 AM, left Lk. 71 at 9.30 AM, left Lk. 72 at 10.30 AM, left Lk. 73 at 11.30 AM, left Lk. 74 at 12.30 PM, left Lk. 75 at 1.30 PM, left Lk. 76 at 2.30 PM, left Lk. 77 at 3.30 PM, left Lk. 78 at 4.30 PM, left Lk. 79 at 5.30 PM, left Lk. 80 at 6.30 PM, left Lk. 81 at 7.30 PM, left Lk. 82 at 8.30 PM, left Lk. 83 at 9.30 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1.30 AM, left Lk. 520 at 2.30 AM, left Lk. 521 at 3.30 AM, left Lk. 522 at 4.30 AM, left Lk. 523 at 5.30 AM, left Lk. 524 at 6.30 AM, left Lk. 525 at 7.30 AM, left Lk. 526 at 8.30 AM, left Lk. 527 at 9.30 AM, left Lk. 528 at 10.30 AM, left Lk. 529 at 11.30 AM, left Lk. 530 at 12.30 PM, left Lk. 531 at 1.30 PM, left Lk. 532 at 2.30 PM, left Lk. 533 at 3.30 PM, left Lk. 534 at 4.30 PM, left Lk. 535 at 5.30 PM, left Lk. 536 at 6.30 PM, left Lk. 537 at 7.30 PM, left Lk. 538 at 8.30 PM, left Lk. 539 at 9.30 PM, left Lk. 540 at 10.30 PM, left Lk. 541 at 11.30 PM, left Lk. 542 at 12.30 AM, left Lk. 543 at 1.30 AM, left Lk. 544 at 2.30 AM, left Lk. 545 at 3.30 AM, left Lk. 546 at 4.30 AM, left Lk. 547 at 5.30 AM, left Lk. 548 at 6.30 AM, left Lk. 549 at 7.30 AM, left Lk. 550 at 8.30 AM, left Lk. 551 at 9.30 AM, left Lk. 552 at 10.30 AM, left Lk. 553 at 11.30 AM, left Lk. 554 at 12.30 PM, left Lk. 555 at 1.30 PM, left Lk. 556 at 2.30 PM, left Lk. 557 at 3.30 PM, left Lk. 558 at 4.30 PM, left Lk. 559 at 5.30 PM, left Lk. 560 at 6.30 PM, left Lk. 561 at 7.30 PM, left Lk. 562 at 8.30 PM, left Lk. 563 at 9.30 PM, left Lk. 564 at 10.30 PM, left Lk. 565 at 11.30 PM, left Lk. 566 at 12.30 AM, left Lk. 567 at 1.30 AM, left Lk. 568 at 2.30 AM, left Lk. 569 at 3.30 AM, left Lk. 570 at 4.30 AM, left Lk. 571 at 5.30 AM, left Lk. 572 at 6.30 AM, left Lk. 573 at 7.30 AM, left Lk. 574 at 8.30 AM, left Lk. 575 at 9.30 AM, left Lk. 576 at 10.30 AM, left Lk. 577 at 11.30 AM, left Lk. 578 at 12.30 PM, left Lk. 579 at 1.30 PM, left Lk. 580 at 2.30 PM, left Lk. 581 at 3.30 PM, left Lk. 582 at 4.30 PM, left Lk. 583 at 5.30 PM, left Lk. 584 at 6.30 PM, left Lk. 585 at 7.30 PM, left Lk. 586 at 8.30 PM, left Lk. 587 at 9.30 PM, left Lk. 588 at 10.30 PM, left Lk. 589 at 11.30 PM, left Lk. 590 at 12.30 AM, left Lk. 591 at 1.30 AM, left Lk. 592 at 2.30 AM, left Lk. 593 at 3.30 AM, left Lk. 594 at 4.30 AM, left Lk. 595 at 5.30 AM, left Lk. 596 at 6.30 AM, left Lk. 597 at 7.30 AM, left Lk. 598 at 8.30 AM, left Lk. 599 at 9.30 AM, left Lk. 600 at 10.30 AM, left Lk. 601 at 11.30 AM, left Lk. 602 at 12.30 PM, left Lk. 603 at 1.30 PM, left Lk. 604 at 2.30 PM, left Lk. 605 at 3.30 PM, left Lk. 606 at 4.30 PM, left Lk. 607 at 5.30 PM, left Lk. 608 at 6.30 PM, left Lk. 609 at 7.30 PM, left Lk. 610 at 8.30 PM, left Lk. 611 at 9.30 PM, left Lk. 612 at 10.30 PM, left Lk. 613 at 11.30 PM, left Lk. 614 at 12.30 AM, left Lk. 615 at 1.30 AM, left Lk. 616 at 2.30 AM, left Lk. 617 at 3.30 AM, left Lk. 618 at 4.30 AM, left Lk. 619 at 5.30 AM, left Lk. 620 at 6.30 AM, left Lk. 621 at 7.30 AM, left Lk. 622 at 8.30 AM, left Lk. 623 at 9.30 AM, left Lk. 624 at 10.30 AM, left Lk. 625 at 11.30 AM, left Lk. 626 at 12.30 PM, left Lk. 627 at 1.30 PM, left Lk. 628 at 2.30 PM, left Lk. 629 at 3.30 PM, left Lk. 630 at 4.30 PM, left Lk. 631 at 5.30 PM, left Lk. 632 at 6.30 PM, left Lk. 633 at 7.30 PM, left Lk. 634 at 8.30 PM, left Lk. 635 at 9.30 PM, left Lk. 636 at 10.30 PM, left Lk. 637 at 11.30 PM, left Lk. 638 at 12.30 AM, left Lk. 639 at 1.30 AM, left Lk. 640 at 2.30 AM, left Lk. 641 at 3.30 AM, left Lk. 642 at 4.30 AM, left Lk. 643 at 5.30 AM, left Lk. 644 at 6.30 AM, left Lk. 645 at 7.30 AM, left Lk. 646 at 8.30 AM, left Lk. 647 at 9.30 AM, left Lk. 648 at 10.30 AM, left Lk. 649 at 11.30 AM, left Lk. 650 at 12.30 PM, left Lk. 651 at 1.30 PM, left Lk. 652 at 2.30 PM, left Lk. 653 at 3.30 PM, left Lk. 654 at 4.30 PM, left Lk. 655 at 5.30 PM, left Lk. 656 at 6.30 PM, left Lk. 657 at 7.30 PM, left Lk. 658 at 8.30 PM, left Lk. 659 at 9.30 PM, left Lk. 660 at 10.30 PM, left Lk. 661 at 11.30 PM, left Lk. 662 at 12.30 AM, left Lk. 663 at 1.30 AM, left Lk. 664 at 2.30 AM, left Lk. 665 at 3.30 AM, left Lk. 666 at 4.30 AM, left Lk. 667 at 5.30 AM, left Lk. 668 at 6.30 AM, left Lk. 669 at 7.30 AM, left Lk. 670 at 8.30 AM, left Lk. 671 at 9.30 AM, left Lk. 672 at 10.30 AM, left Lk. 673 at 11.30 AM, left Lk. 674 at 12.30 PM, left Lk. 675 at 1.30 PM, left Lk. 676 at 2.30 PM, left Lk. 677 at 3.30 PM, left Lk. 678 at 4.30 PM, left Lk. 679 at 5.30 PM, left Lk. 680 at 6.30 PM, left Lk. 681 at 7.30 PM, left Lk. 682 at 8.30 PM, left Lk. 683 at 9.30 PM, left Lk. 684 at 10.30 PM, left Lk. 685 at 11.30 PM, left Lk. 686 at 12.30 AM, left Lk. 687 at 1.30 AM, left Lk. 688 at 2.30 AM, left Lk. 689 at 3.30 AM, left Lk. 690 at 4.30 AM, left Lk. 691 at 5.30 AM, left Lk. 692 at 6.30 AM, left Lk. 693 at 7.30 AM, left Lk. 694 at 8.30 AM, left Lk. 695 at 9.30 AM, left Lk. 696 at 10.30 AM, left Lk. 697 at 11.30 AM, left Lk. 698 at 12.30 PM, left Lk. 699 at 1.30 PM, left Lk. 700 at 2.30 PM, left Lk. 701 at 3.30 PM, left Lk. 702 at 4.30 PM, left Lk. 703 at 5.30 PM, left Lk. 704 at 6.30 PM, left Lk. 705 at 7.30 PM, left Lk. 706 at 8.30 PM, left Lk. 707 at 9.30 PM, left Lk. 708 at 10.30 PM, left Lk. 709 at 11.30 PM, left Lk. 710 at 12.30 AM, left Lk. 711 at 1.30 AM, left Lk. 712 at 2.30 AM, left Lk. 713 at 3.30 AM, left Lk. 714 at 4.30 AM, left Lk. 715 at 5.30 AM, left Lk. 716 at 6.30 AM, left Lk. 717 at 7.30 AM, left Lk. 718 at 8.30 AM, left Lk. 719 at 9.30 AM, left Lk. 720 at 10.30 AM, left Lk. 721 at 11.30 AM, left Lk. 722 at 12.30 PM, left Lk. 723 at 1.30 PM, left Lk. 724 at 2.30 PM, left Lk. 725 at 3.30 PM, left Lk. 726 at 4.30 PM, left Lk. 727 at 5.30 PM, left Lk. 728 at 6.30 PM, left Lk. 729 at 7.30 PM, left Lk. 730 at 8.30 PM, left Lk. 731 at 9.30 PM, left Lk. 732 at 10.30 PM, left Lk. 733 at 11.30 PM, left Lk. 734 at 12.30 AM, left Lk. 735 at 1.30 AM, left Lk. 736 at 2.30 AM, left Lk. 737 at 3.30 AM, left Lk. 738 at 4.30 AM, left Lk. 739 at 5.30 AM, left Lk. 740 at 6.30 AM, left Lk. 741 at 7.30 AM, left Lk. 742 at 8.30 AM, left Lk. 743 at 9.30 AM, left Lk. 744 at 10.30 AM, left Lk. 745 at 11.30 AM, left Lk. 746 at 12.30 PM, left Lk. 747 at 1.30 PM, left Lk. 748 at 2.30 PM, left Lk. 749 at 3.30 PM, left Lk. 750 at 4.30 PM, left Lk. 751 at 5.30 PM, left Lk. 752 at 6.30 PM, left Lk. 753 at 7.30 PM, left Lk. 754 at 8.30 PM, left Lk. 755 at 9.30 PM, left Lk. 756 at 10.30 PM, left 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2.30 PM, left Lk. 797 at 3.30 PM, left Lk. 798 at 4.30 PM, left Lk. 799 at 5.30 PM, left Lk. 800 at 6.30 PM, left Lk. 801 at 7.30 PM, left Lk. 802 at 8.30 PM, left Lk. 803 at 9.30 PM, left Lk. 804 at 10.30 PM, left Lk. 805 at 11.30 PM, left Lk. 806 at 12.30 AM, left Lk. 807 at 1.30 AM, left Lk. 808 at 2.30 AM, left Lk. 809 at 3.30 AM, left Lk. 810 at 4.30 AM, left Lk. 811 at 5.30 AM, left Lk. 812 at 6.30 AM, left Lk. 813 at 7.30 AM, left Lk. 814 at 8.30 AM, left Lk. 815 at 9.30 AM, left Lk. 816 at 10.30 AM, left Lk. 817 at 11.30 AM, left Lk. 818 at 12.30 PM, left Lk. 819 at 1.30 PM, left Lk. 820 at 2.30 PM, left Lk. 821 at 3.30 PM, left Lk. 822 at 4.30 PM, left Lk. 823 at 5.30 PM, left Lk. 824 at 6.30 PM, left Lk. 825 at 7.30 PM, left Lk. 826 at 8.30 PM, left Lk. 827 at 9.30 PM, left Lk. 828 at 10.30 PM, left Lk. 829 at 11.30 PM, left Lk. 830 at 12.30 AM, left Lk. 831 at 1.30 AM, left Lk. 832 at 2.30 AM, left Lk. 833 at 3.30 AM, left Lk. 834 at 4.30 AM, left Lk. 835 at 5.30 AM, left 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PM, left Lk. 876 at 10.30 PM, left Lk. 877 at 11.30 PM, left Lk. 878 at 12.30 AM, left Lk. 879 at 1.30 AM, left Lk. 880 at 2.30 AM, left Lk. 881 at 3.30 AM, left Lk. 882 at 4.30 AM, left Lk. 883 at 5.30 AM, left Lk. 884 at 6.30 AM, left Lk. 885 at 7.30 AM, left Lk. 886 at 8.30 AM, left Lk. 887 at 9.30 AM, left Lk. 888 at 10.30 AM, left Lk. 889 at 11.30 AM, left Lk. 890 at 12.30 PM, left Lk. 891 at 1.30 PM, left Lk. 892 at 2.30 PM, left Lk. 893 at 3.30 PM, left Lk. 894 at 4.30 PM, left Lk. 895 at 5.30 PM, left Lk. 896 at 6.30 PM, left Lk. 897 at 7.30 PM, left Lk. 898 at 8.30 PM, left Lk. 899 at 9.30 PM, left Lk. 900 at 10.30 PM, left Lk. 901 at 11.30 PM, left Lk. 902 at 12.30 AM, left Lk. 903 at 1.30 AM, left Lk. 904 at 2.30 AM, left Lk. 905 at 3.30 AM, left Lk. 906 at 4.30 AM, left Lk. 907 at 5.30 AM, left Lk. 908 at 6.30 AM, left Lk. 909 at 7.30 AM, left Lk. 910 at 8.30 AM, left Lk. 911 at 9.30 AM, left Lk. 912 at 10.30 AM, left Lk. 913 at 11.30 AM, left Lk. 914 at 12.30 PM, left Lk. 915 at 1.30 PM, left Lk. 916 at 2.30 PM, left Lk. 917 at 3.30 PM, left Lk. 918 at 4.30 PM, left Lk. 919 at 5.30 PM, left Lk. 920 at 6.30 PM, left Lk. 921 at 7.30 PM, left Lk. 922 at 8.30 PM, left Lk. 923 at 9.30 PM, left Lk. 924 at 10.30 PM, left Lk. 925 at 11.30 PM, left Lk. 926 at 12.30 AM, left Lk. 927 at 1.30 AM, left Lk. 928 at 2.30 AM, left Lk. 929 at 3.30 AM, left Lk. 930 at 4.30 AM, left Lk. 931 at 5.30 AM, left Lk. 932 at 6.30 AM, left Lk. 933 at 7.30 AM, left Lk. 934 at 8.30 AM, left Lk. 935 at 9.30 AM, left Lk. 936 at 10.30 AM, left Lk. 937 at 11.30 AM, left Lk. 938 at 12.

5.6.45, cont. Columbus, ST. cont.

Sweet Lake, etc. [Only? counted from 1st/15th to 2.1946]

Anhinga ♂
Bufflehead 1♂.
Canvasback 2 ♂♂. 2 ♀♀.
Scaup, ——— ♂♂ ♀♀ 3 unidentified
Branta canadensis ♂
B. nigricans ♀.
Rozo [Rallus?] ♂
Merganser, Hooded 3 ♂♂, 1♀
Egretta rufescens 1
Ajaia ajaja 20 ♂, unsexed
G. alba ♀ 24 G. pallida ♀ 7, unsexed 20
Ardeola ♂♂ 20 ♂, 2 ♀♀. Catt. 7 unsexed =
A. tricolor ♀ 18 A. caerulea ♀ 19
G. (Hydranassa) tricolor ♀
Egretta thula ♂
E. thula ♀
E. ♂ caerulea ♂ ♀
Aphriza 3

Rocks: 2 : 1 ringed and banded =

Bufflehead 1 ♂ 1 unk

5.6.45, cont. Columbus, ST. cont.

Tringa 2 ♂, 1 unsexed Calidris bairdii ♀ [Counted from 1st/15th to 2.1946]
Bufflehead 2 unsexed ♂♂ 12

Pintail unsexed 10 ♂♂ unsexed
Fulica ♂ unsexed 2 ♂♂ unsexed

Calidris bairdii ♀ unsexed
Calidris ♀ 8 unsexed
Eremophila ♀ unsexed
D. (Tringa) solitaria ♂, unsexed 22
D. (Tringa) flavipes ♀, unsexed 38
D. (Tringa) glottis 2 ♂ 1 typ ♀, 3 unsexed, 1 ringed
Charadrius semipalmatus 1♂, unsexed 16

Rocks: 1 =

8th June 1945. After a wild and wet night, very showery forenoon with rapidly rising glass & a fine afternoon & evening. Wind moderate southerly. Did not go out till after lunch. Then walked up to Mr Saunders's house in the wood, Mr & Mrs Shepherd having left the previous week, & went up to top of glen beside house & up on to the moor & on up to top of ridge (Shin-no-muck ridge!) riding note on the Hart excursion on the way. Then along the ridge eastwards keeping well down. S.S.E. slope was full of [illegible] found or noted (female!) of Anthomyia sericea — a plant the gift of H.C. Hart & by us to be identified for the area & the Galtees. On way back found place where the 2nd ant, Formica rufa discovered on 28th May, 1944, & saw many workers carrying the tumbling detail of the pile & round and up piles to pick the nest, the sun being now pretty overpowering.

After tea, ca. 5.30 P.M. tried a little sweeping round the pond behind Castlemaine & took a few insects on pollen — but originally little out in spite of calm weather.

6 6 [illegible] Mark, 5 T. cal.
of Hercin 2d [illegible]
Mark in H explain) & on [illegible]
typ [illegible] Cattle for night not northern [illegible]
at [illegible] water trough, stiff, [illegible]
Sept 1943 — moved place
On [illegible] land to road [illegible]
[illegible] [illegible]
(a [illegible] Pond of the [illegible]
[illegible] [illegible] [illegible] [illegible])

Beetle: Geotrupes sylvaticus Kindly noted alongside fide E.O.M.

7th June 1945. Left a wild night of thunder & rain, & continued so for the forenoon. Between 2 & 3 P.M. & 4 & 5 P.M. & 6 & 7 P.M. & 8 & 9 P.M. Temp. 58° & wind N.W. & strong & cold — afternoon 62° & fine & calm & dry & not cold.

Left some insects taken during forenoon to dry.

E & 45 cont. Ponds in rock behind Carberry Ho., Ballincourty, C.S.T.

[Entered under 1945 in error. Recorded correctly as 1946 in Calendar — N.J. 1946.]

Ulva rad. Pal. Lyngb. & f. Enteromorpha clathrata (Roth) Grev. & f. Enteromorpha compressa (L.) Grev.

Rhizoclonium riparium (Roth) Harv. & f. Rhizoclonium fontanum Kütz.

Chaetomorpha aerea (Dillw.) Kütz. f. elongata (Kütz.) comb. nov.

= Chaetomorpha elongata Kütz. Tab. Phyc. 4: 17, pl. 50, f. 1 (1847).

Conferva fenestrata Dillw. Brit. Conf. 87, pl. 87 (1809).

Chaetomorpha fenestrata (Dillw.) Kütz. Tab. Phyc. 4: 17 (1847).

Chaetomorpha aerea (Dillw.) Kütz. f. elongata (Kütz.) comb. nov. forma compacta f. nov.

= Chaetomorpha elongata Kütz. forma compacta Batt. in Journ. Bot. 83: 178 (1945).

Conferva fenestrata Dillw. var. compacta Hook. Brit. Fl. 2: 387 (1833).

Chaetomorpha fenestrata (Dillw.) Kütz. var. compacta (Hook.) Kütz. Tab. Phyc. 4: 17 (1847).

Cladophora pellucida (Huds.) Kütz. Tab. Phyc. 4: 23 (1847).

Rhizoclonium riparium (Roth) Harv. & f. Rhizoclonium fontanum Kütz.

Enteromorpha compressa (L.) Grev. & f. Enteromorpha compressa (L.) Grev.

Enteromorpha clathrata (Roth) Grev. & f. Enteromorpha clathrata (Roth) Grev.

Enteromorpha intestinalis (L.) Link & f. Enteromorpha intestinalis (L.) Link

Enteromorpha prolifera (O.F.Müll.) J.G.Ag. & f. Enteromorpha prolifera (O.F.Müll.) J.G.Ag.

Chaetomorpha aerea (Dillw.) Kütz. f. elongata (Kütz.) comb. nov.

= Chaetomorpha elongata Kütz. Tab. Phyc. 4: 17, pl. 50, f. 1 (1847).

Conferva fenestrata Dillw. Brit. Conf. 87, pl. 87 (1809).

Chaetomorpha fenestrata (Dillw.) Kütz. Tab. Phyc. 4: 17 (1847).

Scytosiphon lomentaria (Lyngb.) Link & f. Scytosiphon lomentaria (Lyngb.) Link

Ectocarpus siliculosus (Dillw.) Lyngb. & f. Ectocarpus siliculosus (Dillw.) Lyngb.

Ectocarpus confervoides (Roth) Le Jol. & f. Ectocarpus confervoides (Roth) Le Jol.

Ectocarpus fasciculatus Harv. & f. Ectocarpus fasciculatus Harv.

Ectocarpus penicillatus (C.Ag.) Kjellm. & f. Ectocarpus penicillatus (C.Ag.) Kjellm.

Ectocarpus tomentosus (Huds.) Lyngb. & f. Ectocarpus tomentosus (Huds.) Lyngb.

Ectocarpus virescens Thuret & f. Ectocarpus virescens Thuret

Ectocarpus crouanianus Thuret & f. Ectocarpus crouanianus Thuret

Ectocarpus hincksiae Crouan & f. Ectocarpus hincksiae Crouan

Ectocarpus granulosus (Ag.) Rosenv. & f. Ectocarpus granulosus (Ag.) Rosenv.

Ectocarpus mitchellae Harv. & f. Ectocarpus mitchellae Harv.

Ectocarpus ovatus Kjellm. & f. Ectocarpus ovatus Kjellm.

Ectocarpus pygmaeus Kütz. & f. Ectocarpus pygmaeus Kütz.

Ectocarpus rhodochlorus Kjellm. & f. Ectocarpus rhodochlorus Kjellm.

Ectocarpus secundus Kütz. & f. Ectocarpus secundus Kütz.

Ectocarpus simulans Lund & f. Ectocarpus simulans Lund

Ectocarpus spermatophorus Kjellm. & f. Ectocarpus spermatophorus Kjellm.

Ectocarpus tenuissimus Kütz. & f. Ectocarpus tenuissimus Kütz.

Ectocarpus terminalis Kütz. & f. Ectocarpus terminalis Kütz.

Ectocarpus variabilis Kjellm. & f. Ectocarpus variabilis Kjellm.

Ectocarpus virgatus Crouan & f. Ectocarpus virgatus Crouan

Ectocarpus vulgaris Crouan & f. Ectocarpus vulgaris Crouan

Cyperaceæ

9.6.45, cont. L. Biben district, Cont.

The following notes on plants made during the day

Eleocharis rotundifolia by stream [irrigation ditch] NW. edge of field at top of lava behind Forman. Typha comm. not on moor at gate, alt. ca. 6000 ft.; Juncus effusus, Agrostis tenuis, Veronica scutellata, Pyrola rotundifolia & Salix glauca

Hydrocotyle fluitans common in natural meadow opp. at S.W. corner of same field, with Lysimachia & similar flora to end.

Mentha fontana very abundant in marsh opp. E. side of outlet from L. Cuna & 5 yds east [illegible] corner.

Glyceria nemoralis, at ca. 900 to 1000 ft., with Juncus rotundifolius, &c., but no sign of Aster Lanjuinda Gaudichaudii seen [but see p. 126 →]

Viola palustris very abundant & Parnassia too in bottom of little marsh round the S. moor at ca. 1200, W. of outlet of L. Biben & E. of the "red cañon" & noted that both plants not seen seen in same marsh, the soil condition seemed similar in all.

Had lunch when outlet stream (& tributaries) from L. Biben flowed through a mature channel [about 12 feet deep

9.6.45, cont. L. Biben district, cont.

at ca. 1400 ft., also noted the following notes on the flora — By edge of stream (1 to 2 feet wide) Scirpus sp., Phil. fontinalis & the common & more common Salix glauca, Ranunculus Flora, Galium sp., Sax. stellaris, Sax. hypnoides, Lys. nemorum, Carex [illegible] C. Goodenowii, C. pulicaris, C. stricta all frequent, with Lupin. on paths, Deschampsia caespitosa, Festuca pulchella, Carex pauciflora, C. Buxbaumii, Eleocharis palustris & Lupin. sylvaticus — forming patches with a bluish grayed green tint & grass mixed with clumps of Juncus "spurious", J. confusus, Nardus & Calluna, with Pot. erecta, Galium saxatile, Stellaria crassifolia, Polytrichum commune) — Carex & Calluna third occupies the very steep drier slopes & the rest on both banks — mostly perpendicular in some places! — the vegetation here is Calluna (dom.) with Festuca ovina, Juncus squarrosus, Lup. sylvaticus, Polygala serp., Pot. erecta, Erica cinerea, Deschampsia Carex binervis & Ped. sylvatica; chrom. rarely one small plant of Vacc. Myrtillus. The ant Myrmica rugiuodis common at this place!

9.6.45 cont. L. Diken district, cont.

Took a heartfelt rest more or rock = stream about 30 ft. above level place = 1630 ft. & saw a small patch of bare peninsula at same place, but higher up ca. 1500 ft. & 50 yards E. of outlet stream from L. Diken — probably another outlet through the moraine !!! Here also small Sax. stellaris, with S. hyperborea, Northern, 0°.5°.

Tufts of a dense green Cerastium taken off boulder on NE. side of moraine (around L. Diken) at ca 1600 ft.

Orange red Lecanora on a "turret" on N.E. side of moraine, near small tributary stream = Rhizocarpon petraeum subumbilicatum Poetsch from at 1600 ft. not far below where stream begins to flow on surface.

Euphrasia nigrescens, specimens, on shelf of inner moraine N. side of L. Diken & 30 ft. above lake

Carex peninsularis & C. Gardneriana on shelf S. of lake with Sax. hyperborea & forms of S. tricuspidata.

Green mats nestling with Cerast & many plants over-run = flowers on Carex & main cliffs.

9.6.45 cont. L. Diken district, cont.

Collected moss, etc, at ca 1700 ft. stream on cliff SW of Lake for J. H. Nichol, — & tops of peaks, water-color for L.

10th June 1946. Left camp at 10.30 a.m. for the day, walking, skipping, & riding (Sandy) to afternoon, called up the top of the hill, about 4½ hours' time (not including stops) from camp to the top, and back along the ridge we had walked, and back along the ridge we had walked, & [illegible] ridge, 1650 ft. = [illegible] Tuesday, 1650 ft. = [illegible] Thursday, 1650 ft. = [illegible] Friday, 1650 ft. = [illegible] Saturday, 1650 ft. = [illegible] Sunday, 1650 ft. = [illegible] Monday, 1650 ft. = [illegible] Tuesday, 1650 ft. = [illegible] Wedn

10. 6. 45, evt. [illegible]

[illegible]

[illegible]

[

11.6.45 cont. Bottom of Cairn 5 ft. east
Nostoc pruniforme, Nostoc spongiaeforme (Collected round for K.)
Polycoccus pulvinatus, Dasyactis rufescens, Trichothelium
fibrillosum, & Equisetum sylvaticum (very round, dwarf)
& common plants, mostly Carex fuscidula
& rockweeds, &c. &c.

11.6.45 cont. Small pinch taken on dist. side among Sphagnum
— bottom of hole. =

11.6.45 AM.
Samples taken about 9 ft. behind
Cairn No. 9 in Collection I, Card I.
Solorina saccata ♀, wall on S., ext. 30 (12.30 → ext. 31
Nostoc sp. ♂ on E., ext. 29
Peltigera canina ♀, stunted in Cladonia, Sphagnum, ext. 27.
[Polyblastia multiseptata ♀ ext. on Cladodictyon
Blyttia tuberculata ♀, on Hypnum cupressiforme, ext. 32
Lecidea sp. ♀, ♂ found, ext. 36.
Lepraria incana ♀ on Cladonia, ext. 32.
Dactylina arctica ♂?, ext. 32.
Do. do. No. ♂, ext. 33.
Bartramia = Tolypothelium caesium ♀ det. E. C. Mahony.

13th June 1945. [illegible]
[illegible]
Tried to [illegible]
[illegible]
[illegible]
[

12.6.45 coll. Black Bin, Clarke, ST, on X
[illegible] of the old road above the river
[illegible] Bed, Hall, Hazel, Sand
[illegible] over, Oak & [illegible]
[illegible] land about [illegible]
[illegible] in Clarke, Bin X. Equisetum
[illegible] abundant in or [illegible] Sorrows.
[illegible] soft about [illegible]
[illegible] [illegible] [illegible]
[illegible] Clarke, S - T [Grants 1 to 1/8/46 = 3.0.46]

Oligoneuron rigidum ♀
Equisetum pycnostachyum ♀
Pteridium aquilinum ♀ ♂
Tryssopteris incisa ♀ ♂ coll. 36
Equisetum [illegible] ♀ coll. 38
Gymnogramma rufa ♂ coll. 29
Osmunda regalis ♂ coll. 26
Cystopteris fragilis var. tenuis ♀ coll. 16, & ♀ sporangia plus in 1.9.46!
Botrychium (Sceptridium) virginianum ♀ ♂ coll. 23.
Botrychium ♂ coll. 17

Blechnum spicant ♀ ♂ =

12.6.45 coll. Clarke's Bluff, Nov. ST.
on [illegible]

Botrychium matricariifolium ♀
Asplenium [illegible] ♀
Equisetum [illegible] ♂
Trichomanes intricatum ♂ coll. 24
[illegible]

Equisetum fluviatile ♀ coll. 18
Blechnum boreale ♀ ♂ coll. 19
Botrychium lunaria ♀ coll. 21

Pteris ♀ = Gymnogramma aurantiaca Hyl. ♂ coll. ♀

Thelypteris = Nephrodium noveboracense ♀ ♂ coll. 28

13th Jan. 1945 Galtee

Coffee at [illegible] with [illegible]
[illegible] (Mt Galtee 3000 ft.) [illegible]
Left Base at 11.10 a.m. and ascended
the valley of Glenacunna [illegible]
a mile to the E. Glen. Left here
after lunch on entering [illegible]
spent two hours on cliff 3000 ft. Cold
& then up the S. ridge to Galtee Mor
East Top in shelter of S. wall of Corrie
on E. just S. of summit. Left the
summit cairn at head of E. Corrie [illegible]
& down the broken cliffs & screes to the
Lone at 5.30 P.M.

On top of Glanworth mountain at about
900 ft. came on a marshy spot just S. of
watershed from [illegible] Corrie noticed a lot
of Carex dioica in stiffish tussocks &
Sphagnum but not much round the [illegible]
spot, but here spotted Saxifraga
hirsuta in fruit in a much more
Alpine station, though I feel sure that on

13.6.45 and 5 Sept. Galtee from c. 1500 ft.
to the top c. 3000 ft. the highest point of the
[illegible] plateau — a fairly gentle slope. The
following plants from the spot marked the
following:— Saxifraga hirsuta in large
quantity, spot with Carex echinata, Juncus
squarrosus, Nardus stricta, Juncus
bulbosus, a clump of S. umbrosa,
Hydrocotyle (frequent - pools), Montia (rare),
Pinguicula, Drosera rotundifolia, Erica cinerea,
Rhy. Kennedy, Pol. serpyllifolium, Vaccinium,
Empetrum, Galium saxatile, Eriophorum (very
small, detail, stem 2/ [illegible] long), normal flora
of moss & other plants.

Also now noted the abundance of Viola
palustris on slope below moraine N. of
L. Diheen & probably up to about 1500 ft.

First Sax. hypnoides & stellaris noted at
about same height on stream draining the
thumb moraine.

After lunch traced S. hypnoides from
lake-shore (S. of Lake Slieve Carra proper)
to at least half way up to base of main

13.6.45 cont. L Dikes & ST. cont
cliff. Just opp 60 metres Bell collected
1 N.P. 1943 that it was new to cliff at
L Hunday. Collected some of the Campa-
nula Rhomba. Also found a lot
then cliffs a Bernard Smith that it
was form of intact. See the two pairs
chart of Rubia records at top right
end of main cliff, just S of where the
new down gully hits track (at S.W. corner
as well as all the ordinary plants seen
here before but only one group of plants
of Hieracium seen (v. R. H. Corylus of
Hants report, Grooms) and on the
bought home home for confirmation with
those from L Currie & L Hunday.
Finally marked top cliffs at the
place where Dairy reported the
Saxifrage on 25th May, found it
nearly eaten to the ground by slugs
(Arion Ater, Arion Ater Rufus engaged
in finishing it off when discovered!);
these slugs I threw down the cliff!

13.6.45 cont. L Dikes - L Currie, ST. cont.
Even the new flowering spike was on 27th May
eaten down to a few stumps.
On way home crossed the cliff above
L Burns on Skid grass Cliff. Path
& was delighted to find that on a few
smaller shoots on top of Flora
the buds showing & did not fetch the top
of the cliffs. The rest of most plants
appeared that it flowers a week earlier
than usually and of the seeds fall down
& get washed in the general vegetation
Took Cyclamen notation of base of big gully
from cliffs S. of L Dikes to main big
& a couple of the Lists on top of E.
slope of Galtymore & altitude of from
about 2600 ft. & of the Cliffs ca. 3300 ft.
[2 bulbs & 1 rich mould & the child on 13.2.1946!]
Cyclamen noticed & also
Thymus picked on top of Galtymore at ca 2700 ft.
Det. Stevens & F. Rel. 224 on way up
Galtymore at 3000 ft. & Stokes at Dikes Rock 6.8.
on 5.9.1937 (1)!

14th June 1945. Left [illegible] at 8 with [illegible] for [illegible] [illegible] [illegible]

17 & 25 ch. Grand Canal, Clondalkin: DU, card

Taken at 2 d on Tue 3 [13 months for 2 & 11, dates 17 & 25]

Weather: [illegible] rain [illegible]

Wind [illegible]

Observers: [illegible]

Instruments [illegible]

Method: [illegible]

Main vegetation: [illegible]

Bryum [illegible]

Algae: [illegible]

Collembola: [illegible]

Syrphid pollipes F, and 33.

Other [illegible]

Particulars of [illegible]

Remarks: [illegible]

Other [illegible]

Sample taken at [illegible]

27 - Grand Canal (Bridge) - as map. Left on towpath, dull - afternoon, the path, which here is the towpath on the Canal, right along towpath, then footpath to road

Start - the Plain -

1 Clay field & min bank just before where the path & min path meet - end of 4 min path - right on 6.43

2 Clay field & min, edge of pasture field, min 2 in edge of road path, then fallow field & stones end, 4 yds clear the gate

Insects taken at 1. [illegible]

PTO →

27. 6 ad. ind. Fuscus, Dk. cal.
Thorax ut 1. cal.
Antennae ♀ ad. Antennae ♂ ad. [illegible]
Explanation of figures 4 and 32

Scapulae 13 : 5 mm. = Pterostichus 4. ind. ad.
Elytra ad. ind. 22.
Striae 3 ad. ind. 15.

Tibiae 2 1, ind. 27 =
Barbula "truncata" 1 : ad. ind.
Harpe fortis prop. ad. 2 ♀, ind. 22 a 21.
Complexus ad. ad. ind.

Diacrisis elytrae 5 ♀, antennae 5 ♂ ad.
Colore fuscus ♀ ad. ind.
Capitulum ♂ 1 : ad. ind.
Signa frontalia fossulata 2 ; oculo mentalia, ind. 19, ind. longa, striolae
Collum medium ♀ ad. ind.
Pedicellus ad. ♀ ad. ind.
Oculi elongati ad. ♂ O. fuscum ad. ind. 24,
O. tectum 2 ♀ ♀, ind. 27.

22. 6 ad. ind. Fuscus, Dk. cal.
Diacrisis fulgida Hell. ♀ ♂ Tibiae 2 primo [illegible]
2 ♀ ♀ 2 ♂ Cal. = 1) 22. 6. 1943 = ♀ 2 Abdul 23. 6. 45!
♂ antennae ad. 35 articuli, ♀ 27. Sum by Mann 1945.

Pterostichus speculum ♂ 2 ♂ pedunculi ♀ ♀, ind. 12 a 15 articulis.
Pedicellus fossulis 2 ♀, ♂ ind. 1 a 2 ind. 1 a 2 (ind. 1 ♀).
Collum (capitis) ♀ medium
Capitulum ♀ 33, oculis [N.B. Capitulum ♀ ind. ad. ind. 33 →
O. mentalia ad. 2 ♂ ♂ O. supraorbitalia 2 ♂ ♂ ind. 35 ♀ ♀ O. frontalia ♀ 19 ♀).
O. pedunculi ad. 2 ♂ ♂ Typhi, 2 ♀ ♀ 2 pedunculi, 2 striolae, longa, striolae, striolae 2 ♀ ♀ ind. 17 ♀ ♀ ind. 17 ♀ ♀ ind. 17

22 to 28 cent. Lucan, DU, cent.

Tab. 41, cent.

Lucan, ff. 106.

Trinity terrace, cf. cent. 1 mon. 54

T. [illegible] 09, cent 12, cent.

Tyldesley ff. cent 20, 6 mth.

A. [illegible] cent 9, cent 17

C. of cent. 285, cent. 20 12 mon.

C. [illegible] cent

Rustica 16:— 2 mths.

(Capitella ff. cent. from p 134.
A. [illegible] cent 17. A. [illegible] 9, cent 16.
A. (Capitella) ff. 7 345, cent. 17, 18 + 20

Shelved. E. [illegible] Agnes E. A. [illegible] only mth.

Synapsid 7. cent 21d

Bifera by 3 mth = [illegible]

Cephalopoda

Bastin. prism. m. E 0 20

22 to 28 cent. Lucan, DU, cent.

Tabernacle 2. [illegible]

Longstaff 5. [illegible]

Discovery of Galeodes 8, expand above 1 Oct 27.

Palaeo. of upland & basal 09, cent 29.

Tec. [illegible] 09, cent 29.

Ofaga ff. 3 = Ofaga of Lucan 09, cent 23

C. Facies 3, cent 20. O. [illegible] 09, cent 29, typical & material.

Pharmacopia Primrose 09, cent 20.

Ab. [illegible] 109, 29, cent 20.

Contoplasma [illegible] & [illegible] [illegible] 3, cent (09) [illegible]

Corbicula 15, 1 [illegible] A. (Capitella) ff. [illegible]

G. (Capitella) ff. 2 09, cent 20 [illegible]

G. [illegible] 3, cent 26. G. [illegible], ff. 9, cent 25.

G. [illegible] 09, cent 24. G. [illegible] ff. 2 cent 20

G. [illegible] 2 [illegible] cent 20 [illegible]

G. [illegible] 2 09, cent 20

G. (Corallistyan) 09, [illegible] cent 19

Rhaetic 22 ff. 2, 3 4 mid [illegible] [illegible] 09, cent 25, [illegible]

137

22-6-42 and Lucas, Dr., and

Taken at 8, and

Dreamwatcher + Cocktails polyzygotegrel. 2 2 42

Dolabrella 2 [illegible] and 22 2

Dolabrella 2 [illegible] for 3, and 13, and [illegible]

for some curious weeds

Coelonia of 3 0 0, and 41, 2 2 42 : 40 mm ch

with eyes 2 equal with 3 tongles, simple smooth.

b. 3 10, and 41, long tongles, superdorsals, 2, [illegible]

Ophidian coll. b 1 2.

Rocks 10: only two right hold.-

Eggcase 5: none wild —

Shrimp: 1 (white) left—

[1st Anderson Brown [illegible] of [illegible] 42]

Dragonfly: Libellula of London 22 6 42—

Caterpillars common: Oak hedge

Dipters

138

Spent 1½ hours in Mesozoic Epoch, Quite a dreary waste flat [illegible] of 5 ft. and 9 in open on SW corner of square — no, and repeated.

Differs very abundant, Symmetra (especially Zygoneura & Libellula) Glyptofilia per rock (Micro rock?) frequent, but [illegible] very scarce. Rocks near Hydrocoria Stricta & Odonella nigrata. Ancient sea & Bivalve Cardium & Belemnites (Belemnites Fossil Limpets!). Bottom division of a Mesozoic Silurian (1 fossil or part per 5 sq. ft.) Filled in under a sea in a ground, but found layers of Red upper the Eocene division and 6 hundred of Ophidia. Nothing beetle except a round 5 [illegible] Oxyrhodung. —

25.6.45, ent. Mormon Square, Dist. Tabernacle, ent.
Tabor = first marker (from SE. corner & often ground E of centre of square!) = [55 ntd from 1 & then Tabellop 15/10/ntd.]

Megach. lutzi. Abdita ♂ on post no. 5 ent.

Pongodemus ♂ ♀, ent. 19.

M. ♂ ♀, also ent. parvilli, more specim. ♂ ♀, ent. 22.

Cryptinus ♂, ent. 30 =

C. [illegible] ♂, ent. 30, front & mid more whitish, ♂ [illegible]

Chromocleus signatus ♀, ent. 21

Braccon cornutus ♀ 2 ♂♂ ♀ (ent. 28 sep. ent.) B. anthracinus ♀ ntd

B. urbanus ♂ ♀ ♀ (Tabernacle, ent. 29, typical & black-mouthed, typical specimens) Type! 4.V.45. 15 ♂♂ 8 ♀♀

B. nubilipennis spec.? ♂, ent. [illegible] Type! 4.V.45. 15 ♂♂ 8 ♀♀

Bracon [illegible] ♂, ent. 35, ♀ c.

Cyclostomus [illegible] ♂, ent. 21.

Exothecus of pallipes ♀ (10 ♂), ent. 23.

Opius elongatus nob. 10 ♂, ent. 36; 1 ♀ ent. 33.

Eucharidocharis angustida 1 ♂, dark legs, ♀ [illegible] ♀, ent. 23 & 17 resp.

Eupelmus (Eupelmidae) of Cerus ♀, ent. 17, but [illegible]

A. of [illegible] ♂, ent. 23, 2 ♂ subtidal cells small, but legs not [illegible]

24.6.45 ent. Mormon Sq. = Dist. Tab., ent. 1 ♂ & 1 ♀ ent.

Bracon cornutus ♂♂ & ♀♀ abundant: 10 ♂ ntd, ent 17.

B. fulvicornis ♂♂ frequent; none ntd.

B. [illegible] 10 ♂ ntd with strong ant., also a melanistic ♀ ent. 29!

B. [illegible] 1 ♂, ent. 27 B. cornifrons ♂ for ♀, ent. 24.

B. [illegible] 6 ♂♂, 2 ♀♀: 2 ♂♂ (ent. 27.6.45) & 2 ♀♀ (ent. 27.6.45) ntd.

Cyclostomus ♀, ent. 24.

B. [illegible] ♀: not ntd.

B. cornutus minor: a nice ♀, ent. 35 (formerly ovalis in part of moor).

Opius [illegible] 1 ♂, 1 ♀, ent. bell 11.

Tropaea [illegible] Hal ♀ = 1 ♂ = 2 ♂♂ = the [illegible] - presumably the species, though rather black, basal tubercle almost wanting; ent. 12, 13 & 19 respectively.

Monodontomerus cornutus 2 ♀♀, ent. 12 & 13; in first 12 & 13 ♂♂ not separated.

Exothecus ♂ abundant on stalks of [illegible]

Seven mounted as follows: - A. cornutus ♂ 10 ♂, 1 ♀, ent. 21.6.17

A. of pallipennis 10 ♂, 1 ♀, ent. 19.6.17. A. cornutus ♀ ♀, bred, ent. 17

A. of nubilipennis, ♀, ent. 14. A. of ephestiae ♀, ent. 15.

Trentepohlia on cliff = moss, small [illegible] ent. [illegible]

Phlebotomy abundant, 5 = males.

Ephydrid frequent, 5 = males.

25 & 26 ad. Merion ♂, Dale, ad.
2 2 ♀ ad. [20 moulted from 2 + then labelled 15/10/1948!]
Redwing sp. 2 ♂♂; rather large!
Song Thrush sp. ♂, ad 19 [on Hamilton, with retrat antenna]
Spotted Flycatcher ♂, ad. 30.
Pied Flycatcher ♂, ad. 30.
Redstart ♂, ad. taken off about
Whinchat capito ♀ yes still moult [right] 1, ad. 28.
Stonechat sp. ♂ ♂, ad. both 50
Wheatear ad. ♂ ♂ ad. 20. Rock Pipit sp. ♂, ad. 28
Pipit sp. semicomprensa ♀, ad. 16 (formerly recorded as pulmineta!)
Chaffinch ♂ ♂ praecoces ♂♂, ad. 21, dark type
Brambling fringilla ♂ ad. 27 ♂. Greenfinch ♂ carduelis ♀
Linnet ♂ ♂ ad. both 24.
Redpoll ♂, very nice specimen! Ad. 34.
Goldfinch ♂ very large ♂, ad. 39.
Siskin ♂ ♂ ad. 1, August, 18 both =
Reed Bunting ♂ ♂ ad. 16, very nice specimen, dark type
Bunting sp. ♀, both ad. =

Robin 1, not ad.

29th June 1945. Today I received a cable from Hedges in Fiji
saying "The Virgin Day" but I did not quite understand what
was to be on — anyway, it means I suppose that he will be all the good species I want
to know at last soon. We made to go towards
Ravenna about 11 45 at last after receiving
two minutes later a pair forward over the ship
a Black Drongo Dicrurus macrocercus [Hodgson] Hab Sundaland to Philippines
adult did not know enough. Then finally
shot one stuffed me Ran rock Hab to
Bokemahera, stuffed in rain shirt to
insert Typhlo & Equisetum tunnel filled
swamp pool between road & N Gorden
Yu mile down (5 g) 001 Bar-tailed Godwit
almost immediately a thunderstorm forced to
rest & the pond contains N of us,
with rain shirt stopped collecting. After
waiting on beach we rode home dog &
arrived at 4-45. Heavy shower at
intervals late in evening.

29. 6. 45, cont. Glenamoy, Co. DO.

Taken at end of cliffs running on edge of scrub overlooking bog. Very few bryophytes and except for mosses etc. Melobesia thick on almost all stones —

Hepatics

Bryum pallescens Schw. not rare.

B. argenteum L. not rare, in bog pools & ditches.

B. cuspidatum Schreb. not rare.

B. pseudotriquetrum (Hedw.) Gaertn. Mey. & Scherb. not rare, in bog pools & ditches.

Aulacomnium palustre (L.) Schwaegr. not rare.

Philonotis fontana (L.) Brid. not rare.

Catharinea undulata (L.) Web. & Mohr. not rare.

Polytrichum commune L. not rare.

P. formosum Hedw. not rare.

Dicranum scoparium L. not rare.

D. majus Sm. not rare.

Leucobryum glaucum (L.) Schimp. not rare.

Fissidens adiantoides L. not rare.

F. bryoides Hedw. not rare.

F. taxifolius L. not rare.

Grimmia pulvinata (L.) Sm. not rare.

Rhacomitrium lanuginosum (Ehrh.) Brid. not rare.

Racomitrium heterostichum (Hedw.) Brid. not rare.

Ptychomitrium polyphyllum (L.) Fürnr. not rare.

Amphidium Mougeotii (B. & S.) Schimp. not rare.

Zygodon viridissimus (Dicks.) Brid. not rare.

Orthotrichum anomalum Hedw. not rare.

O. rupestre Schleich. not rare.

O. affine Schrad. not rare.

Ulota crispa (Hedw.) Brid. not rare.

U. phyllantha Brid. not rare.

Funaria hygrometrica Hedw. not rare.

Physcomitrium pyriforme (L.) Hedw. not rare.

Ephemerum serratum (Schreb.) Hampe not rare.

Pohlia nutans (Schreb.) Lindb. not rare.

P. annotina (Hedw.) Lindb. not rare.

P. cruda (L.) Lindb. not rare.

Mnium hornum L. not rare.

M. undulatum L. not rare.

M. punctatum L. not rare.

Bartramia pomiformis Hedw. not rare.

Philonotis fontana (L.) Brid. not rare.

Aulacomnium palustre (L.) Schwaegr. not rare.

Bryum pallescens Schw. not rare.

B. argenteum L. not rare.

B. pseudotriquetrum (Hedw.) Gaertn. Mey. & Scherb. not rare, in bog pools & ditches.

B. cuspidatum Schreb. not rare.

Leptobryum pyriforme (L.) Wils. not rare.

Webera nutans (Schreb.) Hedw. not rare.

W. cruda (L.) Bruch & Schimp. not rare.

W. annotina (Hedw.) Bruch & Schimp

4 July 1945. A very hot day, still soft hot S.W. wind = a/bonne. Probably the hottest day of the season, but for the thunder & storm. In afternoon rode to Twenty Glen, Phoenix Park & myself in the place.

1 = Spray test near bridge well & nearby stream draining into lowest reach of Twenty Glen

2 = Sweep tests taken in bed of Twenty Glen from bridge well for 150 yards up stream, i.e. as far as upper station 1.

Phoenix Park, Co. DU.

Tetranet 1. [illegible] Hemiptera ♂♂ 2 mall ♂♂ not counted
Romatha pulchella 1 Cercopsis 1 ♂ mal. not std.
Homoiden obscurior 6 not std.
Campylopid 1 ♀ not std.

Cyrtica fulvida pupa 1 ♂ } none std
♂ of Tipula 1 ♀
Platycera nigricornis ♂
Opsius stactogalus ♂ very worn not std
Haematopota pluvialis ♂ not std

4 July 1945. Carex Phoenix Park, DU. 4 cont.
Tetranet 1 cont.

Anopheles spp. 13,700 (13,500 mal.) = 2 mg. [illegible] pupae & mal. 4 cat. 22.
Culex pipiens ♂♂ 1 cage of, cat. 24. C. nemorosus ♂ mal. of cat. 22.
C. cinereus ♂♂ cat. 26.
C. (Culiciomyia) pullatus ♂ mal. of cat. 15 + 17, cat. 16. Type.
Dixa nebulosa gibbsi 2 ♂♂.
D. nubilipennis ♂ 1, cat. 22 + 23, wings + thorax yellow
D. aestivalis ♂ 1, 1 pin specimen, cat. 23.
D. (Dixa) sp. n. ♂ 1, head, middle + hind tarsi lost + gone, wings + abdomen normal + undamaged, ♀ ♂ cat. 23.
D. longipennis 2 ♂♂.
Dixa aestivalis, pulverea & nebulosa all common!
+ pratella, dominant.
Typhlocampa rotundata ♂ 1. Head expanded behind & yellow 3 ♂♂, cat. 26, 27, 27, 1 ♂ (Type! AHS 19.10.1946), cat. 25. Cf. Dyscerus on p. 147 →
Chrotides [illegible] ♀, cat. 21-23, [illegible] wing veins
Eurycercus [illegible] ♂ cat. 21.
Neomachilis communis ♂ cat. 21.
Asticta [illegible] ♂ Rhaphidiid, middle ♂♂ + hind tibiae
Rotifer 6
Callicera 3 Syrphus 4 } none std
Stratiomyid Dyscerus formosa pupa ♀ cat.

4 7 45 cont. Phoenix Park, Dub., cont.

Tides at 2. [corrected for 2 a.m. tides] 30 to spare.

Hundreds off [illegible]

Remarks [illegible]

Honeysuckle stamens 2

Confetti 2 negs [illegible]

Convolvulus arvalis ♀ 1 wtd 35

Hyacinthoides nonscripta 1 ♀

Epilobium ♂ 1 wtd

Ophrys fuciflora ♂ 1 wtd 19

Daucus carota, reaching ♀ inflorescences 1 wtd

Erysimum Wigginsii 1 ♀, wtd 33, bud not expanded this wtd

Chamaenerion ♀ 1 wtd 20

Aphidius [illegible] common: none wtd.

Rooks 2: 1 wtd =

Diptera: Dasyneura fraxinea ♂

Sawflies 2 = Athalia lugens ♀
Tachycnemata vagans ♀/♂

8[illegible] [illegible] of Sunday [illegible]
[illegible] Steps — [illegible] & Ship Canal
Left in taxi at 9.30 & rode to Rye Water
Locks, C.K.D. [illegible] [illegible] &
Left rode on along Royal Canal & collected
by van & to Tidal Basin Phoenix Park, & [illegible]
before. Left there at 6.30 & bicycled
home at 8 PM.

Staff — 4 plans as follows: —

1 = Rye Water — Lyle Cl. — road & main gate
N of canal & on right bank of river.

2 = Along right bank of Rye Water & — mouth
at foot of station 1 & foot of 2nd field N. of 1.

3 = Along canal & tow-path S.E. & W. & opposite
plantation, ½ rd W. of Lucan Station.

4 = Tunnel plantation at 3.

Rye Water, Co. KD.

Insects seen or taken at 1. 11.15 AM. 12-15 noon
[2] mounted from 1 & then labelled 21.10.[illegible]] [+ family of Spiders!!]

1 Bombus muscorum 1 by tow & seen

1 Bombus campestris ♀ worn, seen & [illegible]

Megachile (? rotundata) ♂ seen & [illegible] at head flies

Diptera 4 ♂♂ 1 wtd =

84 Pole Ups. cont. Rye Water, K2. cont.
Taken at 1, cont.

Ranunculus of aut. 22, stat. =
Ac. Lanuginosa of Bentham, aut.
Eupatorium cannabinum + 15 (Hemlock)

Trifolium [illegible] of [illegible] ; near mill.
Cardamine hirsuta of.
Ranunculus ♀

Rosa [illegible] of Comm. prostrate of, large red efferens, aut. &c.
R. tomentosa ♀, aut. 47.
Acaena of wire enclos. 2 of, aut. bk 13.
Alopecurus of of, aut. wk2. Now merged 15, 17, 18 pf.
A. of ° tuft of common ground on flowers, stalk, up erect (Galeopsis versicolor). Corol. bk. Rem. of
Cap. Syderoxylon ? = yes. C. Syderoxylon, 1892, 677.

Ranunculus of, aut. 21.
Ac. Cornu contracta ♀
Ac. pedata 4 = A. of ° on ground ♀, aut. 12, [illegible]
A. sylvestris ? of, Newyd, aut. 17.
A. macul pro ♀, aut. 16, very small
A. (Symphytum) very small of, aut. 17 =

8-7-45, cont. Rye Water, K2., cont.
Taken at 1, cont.

Ranunculus repens ♀, aut. [illegible] ; on flat, also slope
+ near crumb area, also N. bridge, parallel to canal.
Ranunculus of, aut. 22, very near Rose.
Ranunculus of, aut. [illegible]

Cardamine hirsuta of, aut. 42, grassy type ?
Capsella bursa-pastoris, mixed =
C. sem. ♀, aut. 17.

Trifolium ? of, aut. bk 13 =

Senecio of, aut. wk.

Chrysanthemum ? aut. wk.

Lycopsis ♀, aut. wk.
Lapsana ? aut. bk. = C. Lactuca muralis ?

6.7.45 cont. Rye Water, KD, cont.

Tube at 2: 12.15 – 1.10 P.M. [2 months from 2 double-tube]

Perlodes sp.

Diptera – Simuliidae pupal skins sp?

Ephemerella ignita ♀: 3 mounted: Rostrum 2, Stn 1.
Oligoneuria rhenana ♀: not mtd. Stn 19. Stn 4.

Baetis rhodani ♂, not mtd.
Baetis scambus ♂ not mtd.

Baetis rajkovici ♂ + ♀: not mtd.
Caenis luctuosa ♂: not mtd.
Caenis horaria/robusta ♂: not mtd.
Ephemera danica ♂: not mtd.
Heptagenia sulphurea ♂: not mtd.
Rhithrogena semicolorata ♂: not mtd.
Centroptilum luteolum ♂: not mtd.
Ecdyonurus dispar ♂: not mtd.
Ecdyonurus torrentis ♂: not mtd.
Ecdyonurus venosus ♂: not mtd.
Ecdyonurus insignis ♂: not mtd.
Ecdyonurus lateralis ♂: not mtd.
Ecdyonurus ♀ (not mtd.) – short wings, not dissected, abdomen ♀?
Ecdyonurus spp. ♀ (not mtd.) – short wings, not dissected, abdomen ♀?
Ecdyonurus

8.7.45, cont — Royal Canal KD.

Taken at 3: 2.0 — 4.0 PM. [2½ minutes from 3 to Main Lock to end]

Carbon 11.0°C

Rhogeessa ♂ ♀, cat 23 [illegible]

Eptesicus fuscus ♂ ♀, cat 22

Lasiurus cinereus ♀ ♂ cat not std.

Myotis ♂ cat not std

Glossophaga ♂ not std

Sorex ♂ ♀ of [illegible] not mkd

Sturnira [illegible] ♂ cat 38.

Corynorhinus ♀ not mkd.

Braccus cinereus ♂, 2 ♀♀

B. carthaecus ♂, 2 ♀♀ not mkd

B. of proterminus ♂; cat [illegible] 3 ♂♂ repeat

B. of nigricans ♂ ♂, cat 27, not mkd

B. "degeneratus" ♀, cat 23

Corynorhinus [illegible] fuscus ♀ not mkd

Diaemus pleticus rudeana ♂.

Eptesicus grandiceps ♀ 5: not mkd

Perimyotis ♂ 2 small black ♂♂: not mkd.

Opeia phillipsi? 1 ♂ ran with rayons matt proboscum & allied species!

Taken at 3, cont.

Allens contrabis ♀ ♂♂ cat not mkd

Sturnira [illegible] ♂ [illegible] ♀ cat not mkd

Artibeus [illegible] ♂♂ cat not mkd

A. watsoni ♂ cat 38 [illegible]

Diaemus [illegible] 1 ♂, cat 25.

D. of [illegible] ♀, cat 17

D. [illegible] ♀ 5 not mkd

Corynorhinus ♂ ♂, cat 24, [illegible] wt 7.5 gm

Eptesicus [illegible] ♂

Braccus [illegible] 2 ♀♀

Rhogeessa [illegible] ♂♂ cat 35 ♂♂ marked - probably more of one sp.

= 2 Eptesicus ♂♂ 2 ♀♀, cat 18, 19 & 19, various forms; one with [illegible] coloured, "bitoted", necrotic, [illegible] & tyid.

Sorex ♂ 10 : 3 mkd. = Sturnira [illegible] 1 ♀ (21.5 : 21.4 : 20.4 : 20.4)

Eptesicus [illegible] ♂ ♀

Glossophaga 4 : all mkd: including Myomimid ♂

Corynorhinus 2 : not mkd.

6.7.45 cont. Royal Canal, Kilcock, cont.

Tabanus sp. 4 : 5.0–6.30 P.M. (Overcast)

Hylaea commaria ♂ } at dusk settling
Rumia luteolata ♂ } in corner of E. end
Eudia pyralina ♂ } of plantation.
Eudia ♂, not old

Selenia bilunaria ♂, not old
S. sp. Large yellow Geometrid ♂, 19 1945 Not old
Eupithecia, 12 – none old

Pieris brassicae ♂ : not old
Rhyparia purpurata ♀, not old
Boarmia repandata ♂, not old
Odontopera bidentata ♂ = Crocallis elinguaria ♂, not old
Cerura bifida ♂ not old
Notodonta dromedarius ♂ not old

Polia flavicincta ♂ : not old
Rhyacia simulans ♀, not old
Agrotis segetum ♂ not old
Agrotis puta ♂ not old
Noctua plecta ♂ not old
Noctua c-nigrum ♂ not old
Noctua triangulum ♂ not old
Noctua augur ♂ not old
Noctua baia ♂ not old
Noctua brunnea 18, 29 ♀ not old
Agrotis fimbria ♂ ♀ : none old.

10.7.1945. A cool night after a hot day. Sky clear in a.m. Slight mist in valleys. Light N.E. breeze. Temp. at 10 p.m. 60°. Ophiusa tirhaca ♂ at light at 2.30 a.m. Ophiusa radicalis ♂ at 3.30 a.m. Not old. Catocala nupta ♂ at light at 11 p.m. Not old. Catocala fraxini ♂ not old. Abraxas grossulariata ♂ not old.

5.7.45 cont. Royal Canal, Kilcock, cont.

Tabanus sp. 4, cont.

Euphorea gradaria ♂ : not old
Ourapteryx sambucaria ♂, not old
Bistan betularia ♂
Ophiusa tirhaca ♂, not old. O. stigmatica ♀, not old, same specimen
O. stigmatica : ♀, not old, same specimen. Also many Noctuids
Apharetra dumerilii 5♂♀.
Rhyacia simulans 10♂, 2♀♀
Agrotis ypsilon ♂, not old. Agrotis segetum ♂, not old
A. puta ♂ not old. Agrotis exclamationis ♂, not old
Noctua plecta ♂ not old. Noctua c-nigrum ♂ not old
Noctua triangulum ♂ not old. Noctua augur ♂ not old
Noctua baia ♂ not old. Noctua brunnea 18, 2♀♀ not old
Noctua dahlii ♂ not old. Noctua castanea ♂ not old
Noctua glareosa ♂ not old. Noctua janthina ♂ not old
Noctua c-nigrum ♂ not old. Noctua triangulum ♂ not old
Noctua augur ♂ not old. Noctua baia ♂ not old
Noctua brunnea 18, 2♀♀ not old. Noctua dahlii ♂ not old
Noctua castanea ♂ not old. Noctua glareosa ♂ not old
Noctua janthina ♂ not old. Noctua sp. Large yellow Geometrid ♂, not old
Noctua sp. 1 ♂ not old. Noctua sp. 2 ♂ not old
Noctua sp. 3 ♂ not old. Noctua sp. 4 ♂ not old
Noctua sp. 5 ♂ not old. Noctua sp. 6 ♂ not old
Noctua sp.

11th July 1925. [illegible]

[illegible] with [illegible] to Belgrave. [illegible] walked up road along E. side of Belgrave — more wooded with row of labour cottages, 1 ea. on both sides of the road — Place Board not been here for some years ( ) but found the alder marsh 1/2 mile N. of Belgrave Rly Station Cyperus fallax — 19 & 19 not greatly larger. Did not see the Eriophorum — perhaps too early — season — from specimens taken early in August! — but must search about there — from Pontefract bike & [illegible] — field W. of alders for a couple of hours & [illegible] the workers, [illegible] round the [illegible] (approximately).

Came home by the Canary Belgrave dep 4.45.

11 July 1925 cont. Pollard, Belgrave, E. Wk. 222 to 230.

A fairly windy. [35 words illegible]

Eriophorum 10 : 2 wetted, rather [illegible] with [illegible] Hot) one Dr Hamilton off.

= Of Hamilton explained [illegible]

[illegible] of [illegible]

Cenfield 200 = Of Pontefract [illegible] [illegible] of 1 bunch. The workers not the old people [illegible]

Lemnete elypsela, Ag, very [illegible] [illegible]

Oct Hatton & rd 11. [illegible] and 25. Hatton [illegible]

Eriophorum 3 [illegible]

Brassica fabifera & B. arthuriana round [illegible]

B. oreifolia on [illegible] B. thomasiana [illegible]

Agaricales fabrefera [illegible] A. fabrefera [illegible]

A. [illegible] Hel [illegible] A. thomasiana [illegible]

Agaricales subspecies near A, ord. 21, [illegible]

S of ordn [illegible], ord. 20 [illegible]

Eupatorium cannabinum not [illegible]

E. fabrefera [illegible] E. ord. 20, [illegible]

159

11.7 45, ord. Bellman, W1, cont.
Le finit mucho cal.
Rheumatic arthritis large o° 4 f.
Rotaflam granules x 99.
G. [illegible] suffers [illegible] infammation f. ant. 19 [illegible]
G. [illegible] o° and 16. B (D) maculosa o° ext 17.

Bacteria (Liquor-) drawn by [illegible] ant 24+23 [illegible] [illegible]
D. [illegible] o°(D) ant. 26
D. maculosa o° ant 16.
D. [illegible] prof. 4 mm ant 2

Mononuclear cervicis o°
Epithelioid aff. 15 3 months =
Afebrile [illegible] ant 12, cont 11
A [illegible] mean 2 ant 10, f.
Routine 11 7 months

Blood [illegible] 6. ant 24.
Diffuse 6 mo =

Mantoux [illegible] EOM

160

U.T. 45, ord. Bellman, Co. W1, cont.
L. cervical under [illegible]
Lymphocytes B. 3 mo. = Atoxyl [illegible]
Hemiplegia. o° 2, ant 22. Rheumatic [illegible]
Pupils variable o° 3 ant 24
Syphilis variable o° 2 ant. Stomatitis [illegible] f. ant 24
Malaise and fever w° 307. Hemiplegia [illegible] f. ant 19.
Bacteria comma f. ant 12.
Opacity of [illegible] o° [illegible] D. of [illegible] o° ant 9.
Rheumatic arthritis [illegible] f. [illegible] Co. [illegible] o° ant 30.
Aspiration [illegible] f. ant 14. [illegible]
A aff 2 = A f. A typ. [illegible] ant 9 [illegible]
Bacteria cervicis [illegible] prof. o° 18. D. typhosa [illegible] ant 12.
D. aff 3 = D f. hem. [illegible] ant 32 + 17. ant 20.
" D cervicis [illegible] ant 20.
Leukemia [illegible] f. ant 31.
Afebrile aff. 10, cont 20, ant [illegible]
Routine 9.

Oxygen [illegible] 1

Calculated
Bio-chemistry
Co. Tu. A.W.S.
15. V. 45.

15 7 45, ant. Ballmeier, Geo. DU, ank.

Lipschitz off 38 mobil. Rhein. Metallwaren, Fabrik, Berlin

A. Ehrenfeld 1928 (ab 1930), ausgetreten 1933. Simon, Ernst, 1928 in Berlin,

A. Berlin 2000 M, ab 30. Gründer und Inhaber der Firma Simon & Co.

Berlin 1933 ausgewandert nach Palästina. Gründer der Siedlung Kfar Simon bei Tel Aviv.

A. Frankenstein 1932, 1933, ab 1940, in Berlin. Simon, Lotte, 9, ab. 14.

A. Auschwitz 1942, 43, ab 1944.

Schmidt, Leo, 7, ab 15.

Dr. Berlin, Wilh. 1930, 1931, ab. 23, 39, 2100 RM

Bleichröder, Hermann, 1871, 72, ab. 32, 37; Witwe Frau Hermann

Dr. Bleichröder, Gerson, ab. 32

Dr. Bleichröder, Julius, 1872, 73, ab. 1938 (Witwe Frau Julius Bleichröder, geb. Rosenthal, Berlin, ab 1938 Theresienstadt)

Dr. Meyerstein, Walter, 1928, ab. 33, 2200 RM

Offenbach, Jacques, 1844, 45, ab. 74

Dr. Offenbach, Isidor, 1872, mobil, ab. 16, mobil =

Abraham, 1872, mobil, ab. 1876 (Witwe Frau Abraham) mobil =

Hallberg-Broschek, AG

Berlin, Gründung 1910

Liq. =

1872 Berlin, Aktien-Gesellschaft für Eisenbahn-Bedarf, Berlin

1891 Rheinische Metallwaren- und Maschinenfabrik, Düsseldorf-Derendorf

Nachmittag wurde [abends] die Firma Rheinische Bank & Co. [Rheinische Bank, G. m. b. H.] Düsseldorf, Königsallee 45, [Königsallee 45] von Herrn Dr. Hans Gans, Rechtsanwalt, Düsseldorf, Königsallee 45, [Königsallee 45] als Treuhänder übernommen.

1 = Schenk Hermann, Bankier, Düsseldorf, Königsallee 45, [Königsallee 45] Inhaber der Firma Rheinische Bank & Co. [Rheinische Bank, G. m. b. H.] Düsseldorf, Königsallee 45, [Königsallee 45]

2 = Schenk Gertrud, geb. Meyer, Düsseldorf, Königsallee 45, [Königsallee 45]

3 = Schenk Hans, Bankier, Düsseldorf, Königsallee 45, [Königsallee 45]

4 = Schenk Fritz, geb. 1. 1. 1900, Düsseldorf, Königsallee 45, [Königsallee 45]

Rheinische Bank, G. m. b. H.

Teilhaber:

Schenk, Hermann, Bankier, Düsseldorf, Königsallee 45, [Königsallee 45] [14 mobil] [14 mobil] [14 mobil

18 7 45 cont. Phoenix Park, Dub., cont.

Taken at 1, cont.

Rosetta tetrandra ♀ not obt.

P. glabella ♂, not obt.

Hakea dactyloides ♂ not obt.

Banksia ♂ not obt.

Exocarpos cupressiformis ♂ not obt.

Osyris alba ♂ & ♀ not obt.

Santalum acuminatum ♂ & ♀ not obt.

Euphorbia Cyparissias, in small quantity, not obt.

E. pilosa, in orchard, on ground A. cupressiformis, still abundant (30 May 45 cont.)

E. amygdaloides, not obt.

E. hiberna, not obt.

E. peplus, not obt.

E. helioscopia, not obt.

E. exigua, not obt.

Quercus Robur, ♂, not obt.

Betula alba, ♂, not obt.

Corylus Avellana, ♂, not obt.

Alnus glutinosa, ♂, not obt.

Salix Caprea, ♂, not obt.

S. cinerea, ♂, not obt.

S. aurita, ♂, not obt.

S. viminalis, ♂, not obt.

S. fragilis, ♂, not obt.

S. alba, ♂, not obt.

S. triandra, ♂, not obt.

S. pentandra, ♂, not obt.

S. Lambertiana, ♂, not obt.

S. purpurea, ♂, not obt.

S. rubra, ♂, not obt.

S. Smithiana, ♂, not obt.

S. Forbyana, ♂, not obt.

S. repens, ♂, not obt.

S. arenaria, ♂, not obt.

S. nigricans, ♂, not obt.

S. cinerea × aurita, ♂, not obt.

S. aurita × cinerea, ♂, not obt.

S. aurita × viminalis, ♂, not obt.

S. viminalis × aurita, ♂, not obt.

S. viminalis × cinerea, ♂, not obt.

S. cinerea × viminalis, ♂, not obt.

S. viminalis × fragilis, ♂, not obt.

S. fragilis × viminalis, ♂, not obt.

S. alba × fragilis, ♂, not obt.

S. fragilis × alba, ♂, not obt.

S. alba × triandra, ♂, not obt.

S. triandra × alba, ♂, not obt.

S. triandra × viminalis, ♂, not obt.

S. viminalis × triandra, ♂, not obt.

S. pentandra × viminalis, ♂, not obt.

S. viminalis × pentandra, ♂, not obt.

S. Lambertiana × viminalis, ♂, not obt.

S. viminalis × Lambertiana, ♂, not obt.

S. purpurea × viminalis, ♂, not obt.

S. viminalis × purpurea, ♂, not obt.

S. rubra × viminalis, ♂, not obt.

S. viminalis × rubra, ♂, not obt.

S. Smithiana × viminalis, ♂, not obt.

S. viminalis × Smithiana, ♂, not obt.

S. Forbyana × viminalis, ♂, not obt.

S. viminalis × Forbyana, ♂, not obt.

S. repens × viminalis, ♂, not obt.

S. viminalis × repens, ♂, not obt.

S. arenaria × viminalis, ♂, not obt.

S. viminalis × arenaria, ♂, not obt.

S. nigricans × viminalis, ♂, not obt.

S. viminalis × nigricans, ♂, not obt.

Populus tremula, ♂, not obt.

P. alba, ♂, not obt.

P. nigra, ♂, not obt.

P. canadensis, ♂, not obt.

P. monilifera, ♂, not obt.

Ulmus campestris, ♂, not obt.

U. montana, ♂, not obt.

U. glabra, ♂, not obt.

U. suberosa, ♂, not obt.

U. nitens, ♂, not obt.

U. stricta, ♂, not obt.

Humulus Lupulus, ♂, not obt.

Cannabis sativa, ♂, not obt.

Parietaria diffusa, ♂, not obt.

Urtica urens, ♂, not obt.

U. dioica, ♂, not obt.

Fagus sylvatica, ♂, not obt.

Castanea vesca, ♂, not obt.

Quercus Robur, ♂, not obt.

Betula alba, ♂, not obt.

Corylus Avellana, ♂, not obt.

Alnus glutinosa, ♂, not obt.

Salix Caprea, ♂, not obt.

S. cinerea, ♂, not obt.

S. aurita, ♂, not obt.

S. viminalis, ♂, not obt.

S. fragilis, ♂, not obt.

S. alba, ♂, not obt.

S. triandra, ♂, not obt.

S. pentandra, ♂, not obt.

S. Lambertiana, ♂, not obt.

S. purpurea, ♂, not obt.

S. rubra, ♂, not obt.

S. Smithiana, ♂, not obt.

S. Forbyana, ♂, not obt.

S. repens, ♂, not obt.

S. arenaria, ♂, not obt.

S. nigricans, ♂, not obt.

S. cinerea × aurita, ♂, not obt.

S. aurita × cinerea, ♂, not obt.

S. aurita × viminalis, ♂, not obt.

S. viminalis × aurita, ♂, not obt.

S. viminalis × cinerea, ♂, not obt.

S. cinerea × viminalis, ♂, not obt.

S. viminalis × fragilis, ♂, not obt.

S. fragilis × viminalis, ♂, not obt.

S. alba × fragilis, ♂, not obt.

S. fragilis × alba, ♂, not obt.

S. alba × triandra, ♂, not obt.

S. triandra × alba, ♂, not obt.

S. triandra × viminalis, ♂, not obt.

S. viminalis × triandra, ♂, not obt.

S. pentandra × viminalis, ♂, not obt.

S. viminalis × pentandra, ♂, not obt.

S. Lambertiana × viminalis, ♂, not obt.

S. viminalis × Lambertiana, ♂, not obt.

S. purpurea × viminalis, ♂, not obt.

S. viminalis × purpurea, ♂, not obt.

S. rubra × viminalis, ♂, not obt.

S. viminalis × rubra, ♂, not obt.

S. Smithiana × viminalis, ♂, not obt.

S. viminalis × Smithiana, ♂, not obt.

S. Forbyana × viminalis, ♂, not obt.

S. viminalis × Forbyana, ♂, not obt.

S. repens × viminalis, ♂, not obt.

S. viminalis × repens, ♂, not obt.

S. arenaria × viminalis, ♂, not obt.

S. viminalis × arenaria, ♂, not obt.

S. nigricans × viminalis, ♂, not obt.

S. viminalis × nigricans, ♂, not obt.

Populus tremula, ♂, not obt.

P. alba, ♂, not obt.

P. nigra, ♂, not obt.

P. canadensis, ♂, not obt.

P. monilifera, ♂, not obt.

Ulmus campestris, ♂, not obt.

U. montana, ♂, not obt.

U. glabra, ♂, not obt.

U. suberosa, ♂, not obt.

U. nitens, ♂, not obt.

U. stricta, ♂, not obt.

Humulus Lupulus, ♂, not obt.

Cannabis sativa, ♂, not obt.

Parietaria diffusa, ♂, not obt.

Urtica urens, ♂, not obt.

U. dioica, ♂, not obt.

Fagus sylvatica, ♂, not obt.

Castanea vesca, ♂, not obt.

18.7.45, cont. Rhenen, Bank, Dd, cont.

Tek. 13, cont.

Cyc. voor drie Lancaster's, elk 2 lagen, 1 ton.

D. Engelandvlieger 3 voor 1 ton.

D. Cyclus 17, tot 25.

D. Eskadre 8, tot 20, van Lancaster's

Normandië vanaf 8 tot 17

Rhein vanaf 2 tot 16

Cyclus van 4 tot 15, totaal 6 vluchten

Eerste vlucht Cyclus Tek. tot 16.

Rhenen. Tot 20 : 2 Tek. resp. =

Chalet - 8.
voor 28

Cyclus 3

Cyclus Tek. Regenbaan, cf

18.7.45, cont. Rhenen, Tek., cont.

Tek. 14. [illegible]

Cyclus 22, 2 vluchten Grenade, Stirling, 1, tot 17

Hamburg 4 tot 20 Hydrau 2 tot 22.

Luftlagen 2 2 20 : tot 33.

Cyclus 1, Hamburg 20, tot 20

Cyclus Hydrau 2, tot 20

Normandië Nieuwlijn 3 de Hf. patrouilles, 2 lage met 25.

Ruhr de Cyclus 1, tot 20.

Cyclus 1 20 : tot 20

Cyclus Hydrau 11 = 6 lage 5, tot 25 st.

6 Lancasters 1, tot 21 6 Lancasters Grenade, Ruhr, tot 18.

6 Halifax 1, tot 23.

6 Lancasters 1, tot 16 5 Halifax 1, tot 23 + Hydrau 2 tot 3

4 Halifax 1, tot 20 tot 21

Dortmund vanaf 1 tot 21 Cyclus 1 tot 21

D Chalet 5 (voor 44) : 10 vluchten tot 20 st.

Cyclus Cyclus, tot 10.

Rhenen. 2

Chalet 3.

Cyclus 2

22 June 1945. Grey, cloudy, very windy day with drizzle of rain at first but soon clearing. Very blustery, after a bad day with strong winds & spells of rain at 5.15 PM. & 9 PM.

Did not get out till after lunch: then rode to Whitehall House, via N. Green Hills, Tollyglt & Blackdikes. Stopped to help an old man in middle of hedge by W. side of grassy field on E. side of road from Whitehall Ho. to Tollyglt-Blackdikes road. Many small insects out & about following on wing.

Field, SE. of Whitehall Ho., & DU. = N. of Tollyglt:

Limax [illegible] 400.

[31 minutes transmitted to Hon. Publishers 27.11.1945]

N. of Tollyglt
& DU. 1.45.
22.7.45.

Oxychilus [illegible] 9. 2 ♂♂: not retd.

Hygrotus [illegible] ♂, not ret'd, respelt subillus, & a plana !!!

Leptothyra [illegible] 2 ♂♂: not retd.

Cionella [illegible] ♀: not retd.

Bradybaena [illegible] ♀: not retd.

Aperta [illegible] 27♀: not retd.

Clausilia [illegible] 1 ♂, ant. 23, rump black.

22.7.45, cont. Whitehall Ho. N. of Tollyglt, & DU., cont.

Cepaea [illegible] ♀, not ret'd.

[illegible] ♀, not ret'd.

[illegible] ♀, not ret'd.

[

"N. of Tallaght"

22.7.45; cont. Field on W. side of Hill of Co. Dublin, cont.

Lecanora subfusca group 46, subsp. Diffracta cont. 19

Diploicia canescens cont.

Acarospora smaragdula (Wahlenb.) Massal. cont. 18.

Parmeliopsis ambigua (Wulf.) Nyl. cont. 12.

P. hyperopta (Ach.) Arnold, cont. with 17

Rinodina oleae Bagl. cont. with 17.

Caloplaca cerina (Ehrh.) Th. Fr. =

C. cerina var. Fulgens Sandst., on bark of ash, new to county.

C. cerina var. chlorina (Flk.) Sandst. cont. 15, 19

C. cerina var. luteo-alba (Turn.) Sandst. cont. 17.

Rinodina exigua (Ach.) Gray cont. 16, 17.

Rinodina roboracensis Th. Fr. cont.

Physcia stellaris (L.) Nyl. cont. 16, 17, 19

Ph. tenella (Scop.) DC. cont. 16, 17, 19

Ph. aipolia (Ehrh.) Hampe cont. 16, 17, 19

Ph. caesia (Hoffm.) Hampe cont. 16, 17, 19

Ph. ascendens (Fr.) Oliv. cont. 16, 17, 19

Ph. pulverulenta (Schreb.) Nyl. cont. 16, 17, 19

Ph. adscendens (Fr.) Oliv. cont. 16, 17, 19

Ph. dubia (Hoffm.) Lett. cont. 16, 17, 19

Ph. leptalea (Ach.) DC. cont. 16, 17, 19

Ph. leptalea var. isidiigera Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa f. farinosa Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa f. sorediata Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa f. sorediata f. farinosa Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa f. sorediata f. farinosa f. subsquamulosa Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa f. sorediata f. subsquamulosa Nyl. cont. 16, 17, 19

Ph. leptalea var. isidiosa f. subsquamulosa Nyl. cont. 16, 17, 19

Ph. leptalea var. sorediata Nyl. cont. 16, 17, 19

Ph. leptalea var. sorediata f. farinosa Nyl. cont. 16, 17, 19

Ph. leptalea var. sorediata f. farinosa f. subsquamulosa Nyl. cont. 16, 17, 19

Ph. leptalea var. sorediata f. subsquamulosa Nyl. cont. 16, 17, 19

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Ph. leptalea var. subsquamulosa f. farinosa Nyl. cont. 16, 17, 19

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Ph. leptalea var. subsquamulosa f

[illegible] Left bank opps. The last two of these may be on the
[illegible] Left E-bridge but were very likely on the Left.

The beginning of the Left-bank at once = Side of the
main Grand Canal to Ballyconnell Bridge & up (W.)
Grand Canal to Gotheinstown Bridge. Total —
main plan also carried as follows: —

11.0-11.45 AM. 1 = Edge of towpath & canal for ¼ mile W of
Ballyconnell Bridge & mill: N. side of canal.
E of Gotheinstown

11.45-1 P.M. 2 = Margin of pond, N of canal, ¼ mile W. of Ballyconnell-
2.0-4.0 PM 3 = Margin of grassy bohreen, O', S. of canal just W. of
Gotheinstown Bridge. (i.e. 1 mile W of Ballyconnell Br).

4.30-5 PM 4 = Under trees, in field, S marshy hollow = just W.
N. of Canal ¼ mile W. of Gotheinstown Bridge.

5.0-5.45 5 = Old grassy-bank pond N of canal ¼ mile W. of Gotheinstown Brd.

5.45-6.15 6 = Pond by towpath N. of canal just W. of Gotheinstown Br.
Left Gotheinstown Bridge at 6.15 PM. & rode down canal
to Bloomfield's home at about 7.30.

Very few Rhopalocera seen & the only one of interest was a worn
Bordered ochreous except at 3 (Antera ruficornis ♀ at 1)
Samples [illegible] Lasiocampa quercifolia ♂ at 2
Pachygastria [illegible] at 2 [illegible]
Odonata [illegible]

Conts. Hymenoptera Terebrantia: marsh flight: ♂ & ♀ mounted!

75.7 ins. and [illegible] Gotheinstown 6 Dec.

Tabanidae 1. [illegible]

Tabanus sp ♂

Species Hippobosca ♀ large ♀ ant 23

Empididae 12: 5 mounted = Hilara sp. ♂ ♀ ant 18.

Hilara sp. ♂ ♀ ant 23 ♂ ♀ ant 24.

Empis sp. ♂ ♀ ant 23

Rhamphomyia sp. ♂ ♀ small; ant. 18, very hairy ♂ ♀ ant.

Bromatia dorsalis ♂.

Dolichopodidae 6 ♂ 3 ♀ [illegible]
= 5 Hercostomus sp. 1 Hercostomus sp. ♂ ant 19, yellow hair, thorax reddish & wide, antennae reddish, with dusky head, ♀

Thrombidium sp. ♂ small, ant 23.

Left Tipulidae [illegible]

Dicranomyia sp. 3 ♂ ♀.

Limnophila sp. ♂, ant. 24. 2 ♂ ♀ Gotheinstown ant. 23, tegula 2 orbicular as in the Scandinavian!

Hypoderata sp. ♂ ♀ small.

Ormosia pilipes ♂ ♀.

Limnophila sp. ♂ ♀ small, ant. 22.

Erioptera sp. ♂ ♀ small; ant. 18, very hairy ♂ ♀.

Rhamphomyia dorsalis ♂.

Empis sp. ♂ ♀.

Thereva sp. ♂ small, ant. 23.

Left Tipulidae [illegible]

Dicranomyia sp. 3 ♂ ♀.

Limnophila sp. ♂, ant. 24. 2 ♂ ♀ Gotheinstown ant. 23, tegula 2 orbicular as in the Scandinavian!

Hypoderata sp. ♂ ♀ small.

Ormosia pilipes ♂ ♀.

Limnophila sp. ♂ ♀ small, ant. 22.

Erioptera sp. ♂ ♀ small; ant. 18, very hairy ♂ ♀.

Rhamphomyia dorsalis ♂.

Empis sp. ♂ ♀.

Thereva sp. ♂ small, ant. 23.

Left Tipulidae [illegible]

25.7.45, ent. Gelbeinstorm, Dd, 1 ex!
Tekwat 1 ent.

Cnefiidae ♂♂. 10, 1♀ : =
C. nubeculosa ♂, ent. 15, very nice specimen.
C. (Spiniella) sp. ♂, ent. 19.

Dasymma cinctella Zett. : 1 ♂, ent. 2 (very rotten ♂♂ were omitted!

Culiseta [illegible] 10, 1♀ : ent. 21 + 21 respectively.
Theobaldia annulata ♂ : ent. 24.

Ephedrus nubilus ♂ : ent. 11.
Braon sp. ♂ 5.3 mm = Pelopteus sp. 1♀, ent. 13+14.
1 ♂ larva ♀ ent. 20.
Monodontomerus aeneus 2♂♂, very small, ent. both 17.
Apidae sp. ♂ abundant : 9 ent., the following:
A. nigriceps ♀, ent. 12 (♂ 10), hyperparasites ♂♂ ent. 16, no others seen!
A. sp. ♀ (close to A. dentiventris ♀, ent. 19; ♂♂, ent. 21.
A. minutula ♂ (ent. 18), 2♀♀ (ent. 15). A. sp. ♀, ent. 18.
A. cupida ♂, ent. 16. The first of the species I have recognised since 20.VI.1944!
Psithyrus sp. ♂, ent.

Chalcis sp. ♀ ent. 18

Hyperparasite 2 : 1 Diplazon = Braconid ♀

25.7.45, ent. Gelbeinstorm, Dd, 1 ex!
Tekwat 1 ent. [Correction for 24.7.45, which is 25.7.1945.]
Typical Apanteles ♀ ent. 25 and 26, [illegible]
Hyperparasite ♀ ent.

Chalcis sp. ♀ ent. 30
Monodontomerus aeneus 1♂, very small, ent. 17
Theobaldia annulata ♂ : 2♂♂, 1♀, ent. 29/31 + 1, 17 + 9 =

Cremastus sp. ♂ : ent.

Apanteles sp. ♀ : 2♀♀ (both ♂♂ ent. 19 ent.)
Braconid ♂ ent. 20.
Diaeretiella spicatella 2♂♂ : ent. 4 and 37
Tachinid ♀ (Aplomya sp. ♀ ent. 26, large red cell, dark tarsi, wide triple ♂ type AWS. 26.VII.1946)

1♀ ♂ ♀ ent. 30, small, green, ♂

Opius sp. ♀ 10♂♂, 1♀ (very small) ent. 25+34 ♂ of very dark or dark brown ent. 33
Diaeretiella spicatella ♀, small, the ♀ ♀ spread from pinned
Apanteles sp. ♀ = A. nigriceps ♀, ent. 18-19
A. sp. ♀ = fumosus ♂, ent. 24
A. (Protapanteles) [illegible] ♀, ent. 19, much smaller than body ♂

257 ut, cont - Gebärdensprache, Bez. cont.

Taka ut 2, cont.

Bezeichnung mittelfolgt 1 Q, ut 32

Z. erhält 2 ß ß, ut 31, 32, [illegible]

D. öffnet 1 small Q, ut 31. 2 (ß)

D. eine Einigung f. ut 6: all ut, very rare.

Combining 2 ut take minute nil, one with ut as ant. + ßat negat. kind sense, the other with ut as ant + ne. [illegible] ut ½ ut Cist sense.

Ophthalmia relation f ut 11.

f Negative P. usual Common Weltgegend ut, ut 30.

Raum

Ophthalmia ßf. ut-ant: 3 ut =

Q ßf ßy sense ? 255, ut 19, 20

Q ut ? 1 small ut, ut 17.

Knoten 5.

Ohr 2

Hz wissen 1

257 ut cont - Gebärdensprache, Bez. cont.

Taka ut 3 [illegible]

Erzählen 15. ut

Glyphe ut ßf.

f neu creation f small, ut 21

Name ut, ut 18. B. ausruhen Q, ut 18

Rechten Gebärden P. ut

Q Konzentration 10, ßf ut

Handlung f Gebärde ut ut

Z. öffnet ut sense, Hz Hz ßf ut

Einigung P. 255 ut ut.

Bruder e Name 10, 255 ut

B. ausruhen Q.

B. f ßf ßf ut, ut, Hz Hz, ut Ohr

Z. Lehrer Name 1 small f - Hz ßf

Übersetzen Gebärde ut ut

Schwierigkeit ausüben Hz ßf, with strong intensity

Ohr ßy ausüben 17, ut 28 (ßf ut ut exception was)

Mann sprechen in ßf sense 2 ß ß: 1 ut, ut Hz ßf

25 I 1-5, cont. Gyldendam, Dy., cont.
Tabu. at 3 cont.!

Ophion ovipondens ♀, ♂ cont. 20-30, numerous in my nest-pipes

O. parvulus ♂ cont. 22, typical!

O. lugens ♀ (?), cont. 20, very small & pale, one in clamp!

O. flavicans ♀ cont. 20, also very small & pale, probably same species, at light

Pentaphleps fuscipes 10 (♂♂ 2 ♀♀) cont. 17 dusk
Eggs & nests; obt. (♂♂) at bait by Eggs (Pan. nitida)

Rhinocoris annulipes Hal. ♂ (= rubricatus Stäpp)
& nigrofuscus ♂, but no extremes & obt. cont. 32

Rh. fuscipes ♂ cont.

Rh. nigrofuscus ♂ cont.

Rh. [illegible] ♂, typ., cont. 26; Head = typ. & very

transverse; but apparently the species

Coriscus sp. 6, mostly ♀ fulvimanus 3 ♀♀ cont. 16 ♀ = 2, 1 ♂ = 1.

C. (Syndoi) pavoninus 2 ♂♂, cont. 17, 21; 1 ♀, cont. 15.

Dr. nigrocyaneus ♀ cont. 22 ♀, if new Cont. but head more tubular, mostly ♀ head of cyclop.; 17, cont. 23.

D. atratus ♀, cont. 26

D. [illegible] ♀, cont. 26.

D. affinis 6 (♂♂ 2 ♀♀); 17 var. granulata mtd., cont. 22 (very mtd) targid & newly extinds. granulata & acinulata!

25 I 1-5, cont. Gyldendam, Dy., cont.
Tabu. at 3 cont.!

D. (Syndoi) subpinnatus 10 ♂♂ 2 ♀♀ (1-6.25, 2-4.2 mtd.)
10 ♂♂ 1 ♀ very natural but the ♀ the 3 ♂♂ 1 ♀ mounted
cont. 25-26. cont. 22, 23, 27 (♂), 28 (♀)

Coelocrypta granulata ♂ ♀, cont. little diff. at 21 ♂ ♂

C. [illegible] ♂ (10 ♂♂ 2 ♀♀), cont. 40 (♂), 23, 29-31 (♀♀)

Rhinocoris segmentatus ♂ ♂♂, 1 ♀, cont. 32

Ectinorhynchus rubicundus 2 ♀♀, cont. 32

Tarinoma 2 ♀♀ =

Rhaconotus sp. mtd.

Mesoleius nervosus ♂ 1 ♀, cont. 17, 25.

Cephalonia sp. ♂ abundant, non mtd.

Rhaconotus sp. 3 mtd.

Habrocryptus 1 mtd. Cryptus 1, mtd.

Acoptesoma 1 = Phloeocryptus formosus ♀

Hemiteles sp. 1 =

coláiste
ollscoile,
corcaig.

University College,
Cork.

21/10/'44.

Dear Mrs. Stelfox,

Thank you for your letter of the 17th. The Honeysuckle leaves were collected in Barley during July & August. Dates ranged from 10/7/'44 to 3/8/'44, & all the flies which I sent you had emerged by Aug 3rd. However I noticed these mines on leaves as late as the end of Sept. but could not say whether they would be productive or not.

I hope you will be

coláiste
ollscoile,
corcaigh.

University College,
Cork.

21/10/'44.

Dear Mrs. Stelfox,

Thank you for your letter of the 17th. The honeysuckle leaves were collected in Rantey during July & August. Dates ranged from 10/7/'44 to 3/8/'44, & all the flies which I sent you had emerged by Aug 3rd. However I noticed three mines on leaves as late as the end of Sept. but could not say whether they would be productive or not.

I hope you will be

Successful in reaping some next
year. I shall also collect them
& will send you on any results.

Sincerely Yours,
Eileen Walsh.

25.7.43 cont. Gelderland, Zutphen, cont.

Tabanidae cont.

Haematopota pluvialis ♂: 1 ntd.

Chrysops ♂: 1 ntd.

Ch. relictus ♂: 2 ntd = Hofstetter, Ann. Soc. Ent. Fr. (N.S.) 7: 1971: 1 (Zutphen, Hackfort).

Braula coeca ♂ ♀: ntd.

Rhinophora lepida ♂: 1 ntd.

Phaonia fuscata ♂: 1 ntd.

Ph. subventa ♂: 1 ntd.

Ph. (Pyrrhosia) angelicae ♂: 1 ntd.

Ph. (P.) rubricornis ♂: 1 ntd.

Ph. (P.) tuguriorum ♂: 1 ntd.

Ph. (P.) variata ♂: 1 ntd.

Ph. (P.) sp. ♂: 1 ntd.

Ph. (P.) sp. ♀: 1 ntd.

Ph. (Phaonia) sp. ♂: 1 ntd.

Ph. (Ph.) sp. ♀: 1 ntd.

Ph. sp. ♂: 1 ntd.

Ph. sp. ♀: 1 ntd.

Helina depressa ♂: 1 ntd.

H. reversio ♂: 1 ntd.

H. sp. ♂: 1 ntd.

Thricops semicinerella ♂: 1 ntd.

Th. sp. ♂: 1 ntd.

Limnophora sp. ♂: 1 ntd.

Lispe tentans ♂: 1 ntd.

Coenosia agromyzina ♂: 1 ntd.

C. testacea ♂: 1 ntd.

C. sp. ♂: 1 ntd.

Hydrotaea dentipes ♂: 1 ntd.

H. irritans ♂: 1 ntd.

H. meteorica ♂: 1 ntd.

H. ?militaris ♂: 1 ntd.

H. sp. ♂: 1 ntd.

Ophyra leucostoma ♂: 1 ntd.

Fannia canicularis ♂: 1 ntd.

F. manicata ♂: 1 ntd.

F. pusio ♂: 1 ntd.

F. sp. ♂: 1 ntd.

Muscina levida ♂: 1 ntd.

M. pascuorum ♂: 1 ntd.

M. sp. ♂: 1 ntd.

Graphomyia maculata ♂: 1 ntd.

Polietes lardarius ♂: 1 ntd.

Calliphora vicina ♂: 1 ntd.

Lucilia caesar ♂: 1 ntd.

L. illustris ♂: 1 ntd.

L. sericata ♂: 1 ntd.

Protocalliphora azurea ♂: 1 ntd.

Pollenia rudis ♂: 1 ntd.

Sarcophaga carnaria ♂: 1 ntd.

S. sp. ♂: 1 ntd.

Rhinia apicalis ♂: 1 ntd.

Senotainia tricuspis ♂: 1 ntd.

Tachina fera ♂: 1 ntd.

T. grossa ♂: 1 ntd.

Ectophasia crassipennis ♂: 1 ntd.

Gymnosoma rotundatum ♂: 1 ntd.

Phasia hemiptera ♂: 1 ntd.

Ph. obesa ♂: 1 ntd.

Ph. pusilla ♂: 1 ntd.

Ph. sp. ♂: 1 ntd.

Thelaira nigricornis ♂: 1 ntd.

Th. sp. ♂: 1 ntd.

Tachinidae gen. sp. ♂: 1 ntd.

Tachinidae gen. sp. ♀: 1 ntd.

Conops quadrifasciatus ♂: 1 ntd.

Myopa buccata ♂: 1 ntd.

Sicus ferrugineus ♂: 1 ntd.

Sicus sp. ♂: 1 ntd.

Sicus sp. ♀: 1 ntd.

Stratiomys potamida ♂: 1 ntd.

Oxycera pygmaea ♂: 1 ntd.

Beris clavipes ♂: 1 ntd.

Nemotelus pantalonus ♂: 1 ntd.

Rhagio scolopaceus ♂: 1 ntd.

Rh. tringarius ♂: 1 ntd.

Rhagio sp. ♂: 1 ntd.

Chrysopilus cristatus ♂: 1 ntd.

Ch. sp. ♂: 1 ntd.

Rhagio sp. ♂: 1 ntd.

Atherix ibis ♂: 1 ntd.

Dolichopus atratus ♂: 1 ntd.

D. nubilus ♂: 1 ntd.

D. (Argyra) diaphana ♂: 1 ntd.

Gymnopternus cupreus ♂: 1 ntd.

G. nitidus ♂: 1 ntd.

Chrysotimus molliculus ♂: 1 ntd.

Ch. sp. ♂: 1 ntd.

Rhaphium sp. ♂: 1 ntd.

Asyndetus interruptus ♂: 1 ntd.

Rhaphium sp. ♂: 1 ntd.

Rhamphomyia sp. ♂: 1 ntd.

Empis livida ♂: 1 ntd.

Empis sp. ♂: 1 ntd.

Hilara sp. ♂: 1 ntd.

Platypalpus sp. ♂: 1 ntd.

Wiedemannia pseudosimplex ♂: 1 ntd.

Clinocera sp. ♂: 1 ntd.

Hemerodromia sp. ♂: 1 ntd.

Psychoda sp. ♂: 1 ntd.

Bibio marci ♂: 1 ntd.

B. pomonae ♂: 1 ntd.

B. sp. ♂: 1 ntd.

Dilophus febrilis ♂: 1 ntd.

Scatopse notata ♂: 1 ntd.

Sc. sp. ♂: 1 ntd.

Anisopus fenestralis ♂: 1 ntd.

Sciara sp. ♂: 1 ntd.

Cecidomyiidae gen. sp. ♂: 1 ntd.

Cecidomyiidae gen. sp. ♀: 1 ntd.

Tipula oleracea ♂: 1 ntd.

T. paludosa ♂: 1 ntd.

T. sp. ♂: 1 ntd.

Dicranomyia modesta ♂: 1 ntd.

Limonia nubeculosa ♂: 1 ntd.

Limonia sp. ♂: 1 ntd.

Pedicia rivosa ♂: 1 ntd.

Dicranota sp. ♂: 1 ntd.

Ula sp. ♂: 1 ntd.

Pedicia sp. ♂: 1 ntd.

Limnophila sp. ♂: 1 ntd.

Limnophila sp. ♀: 1 ntd.

Erioptera sp. ♂: 1 ntd.

Molophilus sp. ♂: 1 ntd.

Molophilus sp. ♀: 1 ntd.

Phronia sp. ♂: 1 ntd.

Ph. sp. ♀: 1 ntd.

Limnophila sp. ♂: 1 ntd.

Limnophila sp. ♀: 1 ntd.

Erioptera sp. ♂: 1 ntd.

Molophilus sp. ♂: 1 ntd.

Molophilus sp. ♀: 1 ntd.

Phronia sp. ♂: 1 ntd.

Ph. sp. ♀: 1 ntd.

Rhacho. 11 : 2 ntd =

Okolehao 2 : 1 ntd =

25.7.43 cont. Gelderland, Zutphen, cont.

Tabanidae cont.

Haematopota pluvialis ♂: 1 ntd.

Chrysops ♂: 1 ntd.

Ch. relictus ♂: 2 ntd = Hofstetter, Ann. Soc. Ent. Fr. (N.S.) 7: 1971: 1 (Zutphen, Hackfort).

Braula coeca ♂ ♀: ntd.

Rhinophora lepida ♂: 1 ntd.

Phaonia fuscata ♂: 1 ntd.

Ph. subventa ♂: 1 ntd.

Ph. (Pyrrhosia) angelicae ♂: 1 ntd.

Ph. (P.) rubricornis ♂: 1 ntd.

Ph. (P.) tuguriorum ♂: 1 ntd.

Ph. (P.) variata ♂: 1 ntd.

Ph. (P.) sp. ♂: 1 ntd.

Ph. (P.) sp. ♀: 1 ntd.

Ph. (Phaonia) sp. ♂: 1 ntd.

Ph. (Ph.) sp. ♀: 1 ntd.

Ph. sp. ♂: 1 ntd.

Ph. sp. ♀: 1 ntd.

Helina depressa ♂: 1 ntd.

H. reversio ♂: 1 ntd.

H. sp. ♂: 1 ntd.

Thricops semicinerella ♂: 1 ntd.

Th. sp. ♂: 1 ntd.

Limnophora sp. ♂: 1 ntd.

Lispe tentans ♂: 1 ntd.

Coenosia agromyzina ♂: 1 ntd.

C. testacea ♂: 1 ntd.

C. sp. ♂: 1 ntd.

Hydrotaea dentipes ♂: 1 ntd.

H. irritans ♂: 1 ntd.

H. meteorica ♂: 1 ntd.

H. ?militaris ♂: 1 ntd.

H. sp. ♂: 1 ntd.

Ophyra leucostoma ♂: 1 ntd.

Fannia canicularis ♂: 1 ntd.

F. manicata ♂: 1 ntd.

F. pusio ♂: 1 ntd.

F. sp. ♂: 1 ntd.

Muscina levida ♂: 1 ntd.

M. pascuorum ♂: 1 ntd.

M. sp. ♂: 1 ntd.

Graphomyia maculata ♂: 1 ntd.

Polietes lardarius ♂: 1 ntd.

Calliphora vicina ♂: 1 ntd.

Lucilia caesar ♂: 1 ntd.

L. illustris ♂: 1 ntd.

L. sericata ♂: 1 ntd.

Protocalliphora azurea ♂: 1 ntd.

Pollenia rudis ♂: 1 ntd.

Sarcophaga carnaria ♂: 1 ntd.

S. sp. ♂: 1 ntd.

Rhinia apicalis ♂: 1 ntd.

Senotainia tricuspis ♂: 1 ntd.

Tachina fera ♂: 1 ntd.

T. grossa ♂: 1 ntd.

Ectophasia crassipennis ♂: 1 ntd.

Gymnosoma rotundatum ♂: 1 ntd.

Phasia hemiptera ♂: 1 ntd.

Ph. obesa ♂: 1 ntd.

Ph. pusilla ♂: 1 ntd.

Ph. sp. ♂: 1 ntd.

Thelaira nigricornis ♂: 1 ntd.

Th. sp. ♂: 1 ntd.

Tachinidae gen. sp. ♂: 1 ntd.

Tachinidae gen. sp. ♀: 1 ntd.

Conops quadrifasciatus ♂: 1 ntd.

Myopa buccata ♂: 1 ntd.

Sicus ferrugineus ♂: 1 ntd.

Sicus sp. ♂: 1 ntd.

Sicus sp. ♀: 1 ntd.

Stratiomys potamida ♂: 1 ntd.

Oxycera pygmaea ♂: 1 ntd.

Beris clavipes ♂: 1 ntd.

Nemotelus pantalonus ♂: 1 ntd.

Rhagio scolopaceus ♂: 1 ntd.

Rh. tringarius ♂: 1 ntd.

Rhagio sp. ♂: 1 ntd.

Chrysopilus cristatus ♂: 1 ntd.

Ch. sp. ♂: 1 ntd.

Rhagio sp. ♂: 1 ntd.

Atherix ibis ♂: 1 ntd.

Dolichopus atratus ♂: 1 ntd.

D. nubilus ♂: 1 ntd.

D. (Argyra) diaphana ♂: 1 ntd.

Gymnopternus cupreus ♂: 1 ntd.

G. nitidus ♂: 1 ntd.

Chrysotimus molliculus ♂: 1 ntd.

Ch. sp. ♂: 1 ntd.

Rhaphium sp. ♂: 1 ntd.

Asyndetus interruptus ♂: 1 ntd.

Rhaphium sp. ♂: 1 ntd.

Rhamphomyia sp. ♂: 1 ntd.

Empis livida ♂: 1 ntd.

Empis sp. ♂: 1 ntd.

Hilara sp. ♂: 1 ntd.

Platypalpus sp. ♂: 1 ntd.

Wiedemannia pseudosimplex ♂: 1 ntd.

Clinocera sp. ♂: 1 ntd.

Hemerodromia sp. ♂: 1 ntd.

Psychoda sp. ♂: 1 ntd.

Bibio marci ♂: 1 ntd.

B. pomonae ♂: 1 ntd.

B. sp. ♂: 1 ntd.

Dilophus febrilis ♂: 1 ntd.

Scatopse notata ♂: 1 ntd.

Sc. sp. ♂: 1 ntd.

Anisopus fenestralis ♂: 1 ntd.

Sciara sp. ♂: 1 ntd.

Cecidomyiidae gen. sp. ♂: 1 ntd.

Cecidomyiidae gen. sp. ♀: 1 ntd.

Tipula oleracea ♂: 1 ntd.

T. paludosa ♂: 1 ntd.

T. sp. ♂: 1 ntd.

Dicranomyia modesta ♂: 1 ntd.

Limonia nubeculosa ♂: 1 ntd.

Limonia sp. ♂: 1 ntd.

Pedicia rivosa ♂: 1 ntd.

Dicranota sp. ♂: 1 ntd.

Ula sp. ♂: 1 ntd.

Pedicia sp. ♂: 1 ntd.

Limnophila sp. ♂: 1 ntd.

Limnophila sp. ♀: 1 ntd.

Erioptera sp. ♂: 1 ntd.

Molophilus sp. ♂: 1 ntd.

Molophilus sp. ♀: 1 ntd.

Phronia sp. ♂: 1 ntd.

Ph. sp. ♀: 1 ntd.

Limnophila sp. ♂: 1 ntd.

Limnophila sp. ♀: 1 ntd.

Erioptera sp. ♂: 1 ntd.

Molophilus sp. ♂: 1 ntd.

Molophilus sp. ♀: 1 ntd.

Phronia sp. ♂: 1 ntd.

Ph. sp. ♀: 1 ntd.

25.7.45, cont. Eythorne, Kent.

Taken at 5. [2 miles E of the Eythorne P.O.]

Eythorne Beach, sand hills.

Opius concavus ♂, nest 24

O. luteator ♀, larva, nest 26

O. (?) n. sp. ♂

Rhyssa persuasoria ♀ [Ichneumonidae] 2 nests.

Rhyssa curvata ♀ [Ichneumonidae] nest of N.W. species of wood, nest 53 — a most perfect specimen!

Ich. confirmator ♂, nest 22.

Cryptus dubitator ♀, nest 19

C. semirufus, small ♂, nest 16.

Barichneumon affinis ♂♀, ♀ nest 32.

D. arvator ♀, ♀ nest

D. (Gyrae) obnixus ♂♀ [Ichneumonidae] ♀ [♀] grubbing inside ♀ nest 12.

Ichneumon sarcitorius ♂♀, ♀ nest

Pimpla instigator ♀ nest

Theronia atalantae ♀, nest 11

Mesoleius nanus ♂ nest

Ophion obscuratus ♀ nest

Phaeogenes ♀ nest =

25.7.45, cont. Eythorne, Kent, cont.

Taken at 6. [2 miles E of the Eythorne P.O.]

Eythorne Beach, sand hills [continued from 6a the tables 6.12.45]

Pimpla examinator ♀, nest 25.

P. turionellae ♀ and two ♂♂, nest 25-27-34-37

Braca fraterna ♂♀, ♀ nest 30 + 28.

Opius concolor ♀ [Braconidae] on pupa of Tephr. Typ. nest 15

Bassus of Stigmonota sp., nest 18.

Bipluran ♀ =

Very Odd nest of ♂♂ of Hymenoptera found scraping at Woodville, Derbyshire, 9c, nest 7.46.

25.7.45, cont. Taken by R. Desmond Hurkle, 22, of "Ardmore", Nortonwards, near Lough Erne, Enniskillen, Co. Fermanagh.

Tenthredo perkinsi ♀

Aphidius ♂, nest 20.

1 Small Rhacto. =

Van emerged 7 Jan. Typ. [A.W. 2.2.12.46] and Typ. 2 ♂♂ and ♀!

29th July 1945. Left camp at 0900 hrs.
Cloudy, very warm, humid,
very little wind.
Kept to road via Bramhope & Pool
to Otley at Killear & then along road (W.)
to Ilkley & Ben. Rhydding - from
there I followed Wharfe (N.) bank
to Addingham - reached there at 1400 hrs.

1 = Canal mid. just above Killear Lock on
South side of canal. Z 30 = 300 mtrs.

2 = Edge of stream parallel to canal (Southern)
& N. side of canal at same place. Z 30 = 4 chains.

3 = W. side of field, one field S. of Ilkley to
Letters Lane from Ilkley to Ilkley Moor rd.
West of Killear = Grand Canal. 4 chains = 4 45 mtrs.

4 = N. side of same field & part of same in
Letters Lane; chiff chaff & willow warbler
singing. 4 chains = 5 15 mtrs.

Canal side, Killear, 6 Aug [illegible]

Taken at 1 [10 minutes from 12 Noon (clocks) 3.12.1946]

Cryptoleucia [illegible] = 32

(Noon mtd.)

29 [illegible] Grand Canal, Killear, Otley end
Tab. at 1, ent.

Bryophyta [illegible]; abundant about Lock &
Cephalozia [illegible] - not [illegible]
Tortula [illegible]
Drepanocladus [illegible]
D. [illegible] ent. to 2 = 2 = 37; ent. 1 of 2
D. (f. [illegible]) [illegible] 5. 13 mtd., ent. 22.
D. (f. [illegible]) [illegible] 23. 2 = 2 = 37, ent. 23 = 2 = 37, H. 5 [illegible] 13 mtd. 5 = 2 = 37
[illegible] 1 = 2 = 37, ent. 23, all mounted same day 5 = 2 = 37
Cephalozia [illegible] = [illegible] of 1 of G. exiguus (ent. 14

Fontinalis 1
Chiloscyphus 2 [illegible] mtd.) [illegible] = 5 [illegible]
Lejeunea 21

Tortula ad 2 [21 from 2 mounted as Hem. Tab. 1 of 3.12.1946]
Scapania [illegible] [illegible]
Orthotrichum [illegible] not mtd.
Schistostega [illegible] not mtd.
Metzgeria dimidiata [illegible], ent. 26
Cryptoleucia [illegible] mounted

29.7.45, cont. Grand Canal Hotel, Dr., cont.

Token 1 & 2, cont.

Mandarin ♂ 4 ♀, ant. 28.

Pomatorhinus tickelli 3 ♂♂, 1 ♀; fledgl. ad. 20.

P. olivaceus 3 ♂♂, 1 ♀, nos. ntd.

Stachyris chrysaea 2 ♂♂ ntd.

H. nigrotarsus 1 fem. ♀, ant. 21.

H. cinereifrons 5, nos. boys, some moulting (10 ant. 22; 1 moult ♂ ant. 2; 1 boy ♂ ant. 22; remainder)

Chrysocolaptes ♂ ♀, ant. 32 ♂.

Malacopteron ♂ ♀, ant. 36.

Rhopodytes 1, not ntd.

Cacomantis sepulcralis 1 boy ♂, ant. acc.

Adamsia dayisonni 1 boy ♂, in moult off ant. (not ntd)

Cuculus canorus 3 ♂♂ } nos. ntd.

C. ♀

C. ♀

Centropus sinensis not ntd, 1 ♂ ♀. The ♂ boy ♂ pale type, the ♀ melanistic ♀ dark type; nos. ntd.

Phaenicophaeus ♂ not ntd.

Carpococcyx (Sp.?) juvenile ♀, ant. ♂.

Bucorvus malabaricus 1 ♂, 1 ♀ in moult, not ntd.

D. leschenaulti 1 ♂, 1 ♀, not ntd.

29.7.45, cont. Kilham, Dr., cont.

Token 1 & 2, cont.

Blythipicus (Sp. nov.?) 1 fem. ♀, ant. 26.

D. (G.) rhodopeza obsoleta 1 ♂, 2 ♀♀, ant. 24, 27 & 28.

Chrysophlegma flavinucha ♂ ant. 25.

Eudynamis chrysea 1 ♂, not ntd; 2 ♀♀ [illegible]

Clamator coromandus 2 ♂♂.

Taphrornis sibirostris 1 ♂, 1 ♀, 1 fem. in moult, ♂ prim. ant. 40 & 41.

Pitta ♂ ♀ abundant; 1 ♂ ntd. rem. not from 1 ♂ & 1 ♀ ant. 12.

Pitta 1 } nos. ntd.

Chloropsis 1 }

Dicrurus 2 }

Field, Sq. from Grand Canal 1½ mile W of Kilham

Token 3. [Trade for a Hen Cuckoo [ad. ♂ Kilham 29.7.45 A.W.C. (B)39.7 ntd.] on H. 12 Aug. 8]

Sq. 1 ♂ : 1 Terminalia [illegible] ♂ ♀

Lobeyrnis ♂, 1 ♂ Cabotia prop. not ntd.

Cryptolopha 2, nos. ntd.

191

29.7.45, cont. Killeen, Bde., cont.

Taken at 3, cont.

Disappearance of mammillary g., ant. 31.

Nerve to inf. rectus g., ant. 16.

Ciliary branches to ant. ant. 16.

Pericardium, ant. 16.

Left phrenic, ant. 16.

Left vagus, ant. 16.

Bronchial tree, ant. 16.

Esophagus, ant. 16.

Superior mediastinum, ant. 7.

Lymphatic thoracic duct, ant. 16.

Diaphragm, ant. 16.

Lymphatic trunks from ant. 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48,

29.7.45, cont. Field, 1¼ mile W. of Killeen, Bde, cont.

Tables cont. [12 note from 4 other tables on p. 194]

Type [illegible] 7 - not rec.

[illegible] - very many holes; cont. typ.

Type [illegible] glaucous, 170 [illegible] Fruits = glaucous

[illegible] 23 grains out 200 [illegible]

Type [illegible] 100; not rec.

Type [illegible] 50; not rec.

Type [illegible] 1 [illegible] Type [illegible]

Type [illegible] 1 [illegible] Type [illegible]

Type [illegible] 1 [illegible] Type [illegible]

"W. of Killeen"

Ind. sp. 5 ind. Grand Canal, L. Ell., coll.

Tubifex 1. [5 mtd. from 1 + the tubifex 7-12-1928]

Eu[illegible] 1 ♂♂ in alc. Intl.

Chaetogaster 2 ind. ad 20

Tubifex 2 [illegible] ♀ ad 21

Clitellio arenarius ♀ ind 21

Tubifex tubifex ♀ ind 22

Enchytraeus [illegible] 1 (♂♂ & ♀♀).

Aeolosoma [Vejdovsky] parvicorne 20.

Dero nivea Aiyer + [illegible] 20)

D. limnophila

D. obtusa +

D. vaga +

Chaetogaster diaphanus 7.

Pristina ♂ + Dero nivea =

from mtd.

Tubifex sp. 2 [17 mounted from 2 others collected 12-1928]

Lumbriculus ♀ ind. mtd.

Eiseniella ♀ ind. mtd.

Haplotaxis gordioides ♀. ind. mtd.

Limnodrilus hoffmeisteri ♀. ind. 29

Limnodrilus sp. ind. mtd.

"W. of Killeen"

L. sp. 4 ♀♀ ind. Grand Canal, Dec., coll.

Tubifex 2, ind.

Haplotaxis gordioides [illegible] ind. mtd.

Opistocystis [illegible]

Aeolosoma [illegible] ♂ ind. mtd.

Pristina aequiseta [illegible] ind. mtd.

Dero nivea abdominalis 15, ind. 42 [illegible]

Chaetogaster limnaei ♂ ind. mtd.

Opua sp. ind. 2 ♀♀, 1 ♂ O. limi 3 ♀♀ ind. 21, with dwarf ♂♂.

O. of Leidy [illegible] 11 ♀♀ ind. 33 but only a few were preserved. 5 with ♂ single!

Rhaconeura inaequalis ♀ ind. mtd.

Pentaplexa parvicirra 27 ♀♀ ind. all ♀♀, mostly with dwarf ♂♂.

Complexella ♀ = O. [illegible]

A. of paranaea ♂ ind. [illegible] ♂♂, also a mtd ♀, ind. 17.

A. of clara capitiseta ♂, ind. 20, had not evidently [illegible]

Dero nivea of Leidy 2

D. [illegible] 1

D. limnophila ♀

D. of quadralis abundant ♂♂ ♀♀.

D. (Hyperdrilus) obliqua 2 ♂♂.

none mtd.

197

"W. of Killen"

1.8.45, cont. Grand Canal, 60 DU, cont.

Taken at 3, cont.

Tricorythodes [illegible] sp., ad. ♂

Caphinoma [illegible] sp., ad. ♀

Baetis [illegible] sp., ad. ♂ ♀

Caphinoma sp. ♂ ad. = 3 ntd. =

Acroneuria ? 1♂, ad. 31; 1♀, ad. 17 = 18.

Perlesta sp. 22 ♂ imagoes all ntd.

Glossosoma 15 } 20 ntd.
Agapetus 6. }

Neth = Lithosia complana ?

Taken at 3. [3] = washed from 2 + the 2 pellets on 10.12 (Aug 8)

Caphinoma ♂ : all ntd

Glossosoma : = cont 31

Hydropsyche sp. ♂ pupa : all ntd.

Pupa of Hydropsyche ♂ : all ntd.

Left Ephemerella sp. ♂ : all ntd

1.8.45, cont. W. of Killen, Grand Canal, 60 DU, cont.

Taken at 3, cont.

Baetis ♂ ad. sp. 22 ♂, all ntd

Ephemerella [illegible] sp. ♂ ad. imago = 2, ad. 26

Glossosoma nigrior ♂ ♀, head capsules ♂, ad. 20.

Ephemerella ♂ ad. 19

Baetis [illegible] sp. ♂ ad. 19 = 13 glossosoma ad, all 19 = 17.

Brachycentrus sp. ♂ ad. = 2 ♂ ♂.

Rhyacophila nigrita ♂ ♀ ad. 18 ♂, all ntd.

Ephemerella [illegible] sp. ♂ ad. 26

Perlesta sp. 13 (1 ♂, 12 ♀♀) all ntd

Caphinoma sp. ♂ ad. = 6 ♂ ♂ ad. 26

Brachycentrus americanus ♂ ad. 22

D. nigrita ♂, ad. 26

D. confusa ♂, ad. 22

D. lateralis ♂, ad. 22

Ephemerella sp. ♂ ad. 19

= 6 ♂ ♂ ad. 15.

Rhyacophila ♂ ad. 20; 2 ntd. =

Glossosoma 12 } 27 ntd.
Agapetus 4.

Hemiptera, Scaloptocatta sp.

3.8.1945 Taken on window in house, 4th Ephemerella Ad., Rattanna, Bridge Glossosoma sordida Brown ♂♂ and ♀♀ Ephemerella ♂ ad. 23.

Caphinoma ♂ ad. 15.
6 Agapetus ad. 12 ♂ ♂ ad. 15.
Hydropsyche sp. ♂ ad. 15.
Pupa of Hydropsyche ♂ ad. 15.
Left Ephemerella

5.8 W.S. Pt. Wood on W. slope of Dowry, G. Wl.
Taken at 1, above road. [Contributions to the Flora of Alaska] 4:30 - 6:0 PM
Selaginella rupestris ♂.
Equisetum hyemale ♀ ♀.
Cryptogramma 2 ♂♂ : 1 ♀♀. Gratiophyllum ♂ ant. 29
Cheilanthes ♂ ♀ ♀ ant. 33 Lemmonii ♂ ant. 28
Trichostomum ♂ ♀ Bryum ? ♂ ♀ ant. 29.
Entodon concinnus ♂.
Antitrichia ♂ ♀ ♀ ant. 21.
Eurhynchium ♂ ♀ ♀ ant. 21.
Hypnum ♂ ♀ ♀ ant. 21.
Brachythecium ♂ ♀ ♀ ant. 21.
Amblystegium ♂ ♀ ♀ ant. 21.
Orthotrichum ♂ ♀ ♀ ant. 21.
Grimmia ♂ ♀ ♀ ant. 21.
Dicranum ♂ ♀ ♀ ant. 21.
Ceratodon ♂ ♀ ♀ ant. 21.
Bryum ♂ ♀ ♀ ant. 21.
Aulacomnium ♂ ♀ ♀ ant. 21.
Mnium ♂ ♀ ♀ ant. 21.
Polytrichum ♂ ♀ ♀ ant. 21.
Pogonatum ♂ ♀ ♀ ant. 21.
Atrichum ♂ ♀ ♀ ant. 21.
Barbula ♂ ♀ ♀ ant. 21.
Tortula ♂ ♀ ♀ ant. 21.
Encalypta ♂ ♀ ♀ ant. 21.
Funaria ♂ ♀ ♀ ant. 21.
Physcomitrium ♂ ♀ ♀ ant. 21.
Aplodon ♂ ♀ ♀ ant. 21.
Leptobryum ♂ ♀ ♀ ant. 21.
Webera ♂ ♀ ♀ ant. 21.
Mnium ♂ ♀ ♀ ant. 21.
Bartramia ♂ ♀ ♀ ant. 21.
Philonotis ♂ ♀ ♀ ant. 21.
Timmia ♂ ♀ ♀ ant. 21.
Plagiobryum ♂ ♀ ♀ ant. 21.
Plagiothecium ♂ ♀ ♀ ant. 21.
Hypnum ♂ ♀ ♀ ant. 21.
Brachythecium ♂ ♀ ♀ ant. 21.
Amblystegium ♂ ♀ ♀ ant. 21.
Orthotrichum ♂ ♀ ♀ ant. 21.
Grimmia ♂ ♀ ♀ ant. 21.
Dicranum ♂ ♀ ♀ ant. 21.
Ceratodon ♂ ♀ ♀ ant. 21.
Bryum ♂ ♀ ♀ ant. 21.
Aulacomnium ♂ ♀ ♀ ant. 21.
Mnium ♂ ♀ ♀ ant. 21.
Polytrichum ♂ ♀ ♀ ant. 21.
Pogonatum ♂ ♀ ♀ ant. 21.
Atrichum ♂ ♀ ♀ ant. 21.
Barbula ♂ ♀ ♀ ant. 21.
Tortula ♂ ♀ ♀ ant. 21.
Encalypta ♂ ♀ ♀ ant. 21.
Funaria ♂ ♀ ♀ ant. 21.
Physcomitrium ♂ ♀ ♀ ant. 21.
Aplodon ♂ ♀ ♀ ant. 21.
Leptobryum ♂ ♀ ♀ ant. 21.
Webera ♂ ♀ ♀ ant. 21.
Mnium ♂ ♀ ♀ ant. 21.
Bartramia ♂ ♀ ♀ ant. 21.
Philonotis ♂ ♀ ♀ ant. 21.
Timmia ♂ ♀ ♀ ant. 21.
Plagiobryum ♂ ♀ ♀ ant. 21.
Plagiothecium ♂ ♀ ♀ ant. 21.

5.8 W.S. Pt. Island Dowry, Wl. cont.
Taken at 2, Meadow and shore near [Contributions to the Flora of Alaska] 6:0 - 7:30 PM
Cryptogramma ♂ ♀ ♀ ant. 21
Equisetum 2 ♂♂ 1 ♀ ♀ ant. 21
Eq. ? ♂ ant. 21 =
Phytobrium ? ♂ ♀ ♀ ant. 21
Mnium ♂ ♀ ♀ ant. 21
Aulacomnium ♂ ♀ ♀ ant. 21
Encalypta ♂ ♀ ♀ ant. 21
Bartramia ♂ ♀ ♀ ant. 21
Philonotis ♂ ♀ ♀ ant. 21
Timmia ♂ ♀ ♀ ant. 21
Plagiobryum ♂ ♀ ♀ ant. 21
Plagiothecium ♂ ♀ ♀ ant. 21
Hypnum ♂ ♀ ♀ ant. 21
Brachythecium ♂ ♀ ♀ ant. 21
Amblystegium ♂ ♀ ♀ ant. 21
Orthotrichum ♂ ♀ ♀ ant. 21
Grimmia ♂ ♀ ♀ ant. 21
Dicranum ♂ ♀ ♀ ant. 21
Ceratodon ♂ ♀ ♀ ant. 21
Bryum ♂ ♀ ♀ ant. 21
Aulacomnium ♂ ♀ ♀ ant. 21
Mnium ♂ ♀ ♀ ant. 21
Polytrichum ♂ ♀ ♀ ant. 21
Pogonatum ♂ ♀ ♀ ant. 21
Atrichum ♂ ♀ ♀ ant. 21
Barbula ♂ ♀ ♀ ant. 21
Tortula ♂ ♀ ♀ ant. 21
Encalypta ♂ ♀ ♀ ant. 21
Funaria ♂ ♀ ♀ ant. 21
Physcomitrium ♂ ♀ ♀ ant. 21
Aplodon ♂ ♀ ♀ ant. 21
Leptobryum ♂ ♀ ♀ ant. 21
Webera ♂ ♀ ♀ ant. 21
Mnium ♂ ♀ ♀ ant. 21
Bartramia ♂ ♀ ♀ ant. 21
Philonotis ♂ ♀ ♀ ant. 21
Timmia ♂ ♀ ♀ ant. 21
Plagiobryum ♂ ♀ ♀ ant. 21
Plagiothecium ♂ ♀ ♀ ant. 21
Hypnum ♂ ♀ ♀ ant. 21
Brachythecium ♂ ♀ ♀ ant. 21
Amblystegium ♂ ♀ ♀ ant. 21
Orthotrichum ♂ ♀ ♀ ant. 21
Grimmia ♂ ♀ ♀ ant. 21
Dicranum ♂ ♀ ♀ ant. 21
Ceratodon ♂ ♀ ♀ ant. 21
Bryum ♂ ♀ ♀ ant. 21
Aulacomnium ♂ ♀ ♀ ant. 21
Mnium ♂ ♀ ♀ ant. 21
Polytrichum ♂ ♀ ♀ ant. 21
Pogonatum ♂ ♀ ♀ ant. 21
Atrichum ♂ ♀ ♀ ant. 21
Barbula ♂ ♀ ♀ ant. 21
Tortula ♂ ♀ ♀ ant. 21
Encalypta ♂ ♀ ♀ ant. 21
Funaria ♂ ♀ ♀ ant. 21
Physcomitrium ♂ ♀ ♀ ant. 21
Aplodon ♂ ♀ ♀ ant. 21
Leptobryum ♂ ♀ ♀ ant. 21
Webera ♂ ♀ ♀ ant. 21
Mnium ♂ ♀ ♀ ant. 21
Bartramia ♂ ♀ ♀ ant. 21
Philonotis ♂ ♀ ♀ ant. 21
Timmia ♂ ♀ ♀ ant. 21
Plagiobryum ♂ ♀ ♀ ant. 21
Plagiothecium ♂ ♀ ♀ ant. 21

20.

7. August 1945 (Tuesday)

[illegible]

[illegible]

[illegible]

Lucca dancano, G Du.

Tickets at 1. [17 counted from 1 then labelled 16.12.45]

[illegible]

[illegible]

[illegible

28 45, cont. Lucan, Co. Dub. cont.
Taken at 2 [Re-numbered from 2 & then called 16.12.1902.]

On 9.8.1905 Drawn & P. Wallis. Tests resumed next day. Satisfactory completion of work. Report about 4 days later. Letter of 9.8.05 with Plan, Section, Blueprint & Bill.

On 11.8.1905 Drawn & P. Wallis discovered rest of Assistants working on report and in field. Opened Hotel & Laboratory at Drumcondra for Messrs. Wallis & Glendinning.

17th August 1902 Left Dublin at 9.0 pm. Arrived Lucan at 9.45 pm. Left Lucan at 10.0 pm. Arrived Dublin at 10.45 pm. Left Dublin at 11.0 pm. Arrived Lucan at 11.45 pm. Left Lucan at 12.0 pm. Arrived Dublin at 12.45 am. Left Dublin at 1.0 am. Arrived Lucan at 1.45 am. Left Lucan at 2.0 am. Arrived Dublin at 2.45 am. Left Dublin at 3.0 am. Arrived Lucan at 3.45 am. Left Lucan at 4.0 am. Arrived Dublin at 4.45 am. Left Dublin at 5.0 am. Arrived Lucan at 5.45 am. Left Lucan at 6.0 am. Arrived Dublin at 6.45 am. Left Dublin at 7.0 am. Arrived Lucan at 7.45 am. Left Lucan at 8.0 am. Arrived Dublin at 8.45 am. Left Dublin at 9.0 am. Arrived Lucan at 9.45 am. Left Lucan at 10.0 am. Arrived Dublin at 10.45 am. Left Dublin at 11.0 am. Arrived Lucan at 11.45 am. Left Lucan at 12.0 pm. Arrived Dublin at 12.45 pm. Left Dublin at 1.0 pm. Arrived Lucan at 1.45 pm. Left Lucan at 2.0 pm. Arrived Dublin at 2.45 pm. Left Dublin at 3.0 pm. Arrived Lucan at 3.45 pm. Left Lucan at 4.0 pm. Arrived Dublin at 4.45 pm. Left Dublin at 5.0 pm. Arrived Lucan at 5.45 pm. Left Lucan at 6.0 pm. Arrived Dublin at 6.45 pm. Left Dublin at 7.0 pm. Arrived Lucan at 7.45 pm. Left Lucan at 8.0 pm. Arrived Dublin at 8.45 pm. Left Dublin at 9.0 pm. Arrived Lucan at 9.45 pm. Left Lucan at 10.0 pm. Arrived Dublin at 10.45 pm. Left Dublin at 11.0 pm. Arrived Lucan at 11.45 pm. Left Lucan at 12.0 am

19 E 45. cont. The Common Ballymacoda, Co Cork.
1 = Edge of pond (= Tramoling Pool.) all 1100 ft.
1.30 till 12.45 noon
2 = Drain W. of track, swamp, waste of mineral
small ponds & bare ½ mile SW of station. 1100 ft.
3 = Swamp, springs & streamlet, just below the
Stone Circles, Ballincurrig Gap, all. 980 ft.

[Ballymacoda — for Tramoling Pool
& Drain 1100 ft
Stone Circles 980 ft]

Rocks taken at 1. [2 units from 1 + three labelled 18.12.1945.]
(Edge of Pond above Ballymacoda, Cork, all. 1100 ft.)
2 = Tramoling Pool

Equisetum [illegible] Ant. 21.
Epilobium [illegible] = [illegible]
A. [illegible] [illegible]

A. [illegible] [illegible] = [illegible]

Drosera [illegible]
D. [illegible] D. (Sporophyte) [illegible]
Narthecium [illegible]
[illegible]
Potamogeton [illegible]
Eleocharis [illegible]
Epilobium [illegible]
Calluna [illegible]

[illegible] See next page!

12 E 45 cont. Pond, all 1100 ft. Ballymacoda, Co. Cork.
Tube 1 cont.
Rocks, 10 units.

Eleocharis 9 : 2 units including 1 spent & 1 tube.

Equisetum 2 units

Equisetum fluv. 2. Remains [illegible] of Sporiferous portion (= 3 diam.)
only, on 1 unit.

Tube unit 2. [2 units from 1 labelled 18.12.1945.]
[Ballymacoda & Pool 1100 ft 19.12.45]
[illegible] = 2 units
Eleocharis = 2 units
Equisetum = 5 units
Simple bryophyte: 1 unit
Hepatic bryophyte: 2 units, 1 unid. ant. 35.
[illegible] [illegible] 2 [illegible] [illegible]
Thamnium [illegible]
Hypnum cupressiforme [illegible]
Hypnum [illegible]
Orthotrichum [illegible]

Tramoling Pool
and 20
= right name
not unid.

12 E 25, cart. Bellgovia, dd. 1104 ff., (a 244, und
Tabula 2, cart.
Helfrau [illegible] ff. Hand [illegible] 1484, col 30.

Roga [illegible] ff., col 34
Sigelfee vendela 2.
apelka feluela 28, 44 ff. (1000 ml)
Opia [illegible] ik 2.
Sankt Anna apelka 2002
P. Ruella E(22+22).
Gerl. fe ff 3. = 6 [illegible] 1 mark 27, col 30
Gyfjonna 2 : ml 2:
[illegible] Tabula

Baeraa [illegible] prof. skind 20. [illegible] ml.
D. fulgens, E 1 male 27, [illegible] 1484, col 25.
D. hyacinthi 28. ml ld.
D. affinis 387, 19, ml. 23, 24, 23(22), * 21(19)
D. elegantula 19, ml 26.

D. (?) Wijnna 6 (66 + 79) : 12, 13, old.: ml 25 a 23.
Gleenia conjungens 30 28: 1 ml, ml 24.

12 E 25, cart. Bellgovia, 244, cart.
Tabula 2, cart.
[illegible] [illegible] 1 [illegible] 1 mark 27 cart 28.
Coffeina aff. 5 2 ml. = 5 - Lycosa 3 E, ml 18, [illegible] 28.)
E [illegible] 6, ml 18, regelb [illegible], Klokpotsbloem

Rogia = 12 . 2 ml =

Gleenia [illegible] 30

Bronchi 1 2, ml old
Bacilli = [illegible]

Tabula ml 2. [17 mts from 3 + th. Lobelia] [illegible] 20.12.48]
(Bellevisiaceae Zeph, alt 98 aft.)
Zephyranthes 8 : ml old.

Gleenia [illegible] Nol 2 : ml old.
Promitha [illegible] 8 : ml old.
Thelotrema 97, rare, 1 ml 2 : ml old.
Thelotrema 97 : ml old.

18 8 05, cont. Ballinamona, Gap, Dun. and Graft.

Ticks at 2, cont.

Lacerta pabulosa ♂ not rtd.

Agelena ♀ not rtd.

Attus ♂ ♀ not rtd.

Salticus ♂ not rtd.

Epeiridae fabricius ♂ not rtd.

Epeira ♂ not rtd. (Ballinamona)

Tetragnatha ♂ not rtd.

Pachygnatha ♂ not rtd.

Linyphia ♂ not rtd.

Drassus ♂ not rtd.

Clubiona ♂ not rtd.

Theridion ♂ not rtd.

Oxyopes ♂ not rtd.

Thomisus ♂ not rtd.

Philodromus ♂ not rtd.

Dictyna ♂ not rtd.

Micryphantes ♂ not rtd.

Micryphantes ♀ not rtd.

Theridion ♀ not rtd.

Linyphia ♀ not rtd.

Thomisus ♀ not rtd.

Philodromus ♀ not rtd.

Dictyna ♀ not rtd.

Micryphantes ♀ not rtd.

Clubiona ♀ not rtd.

Drassus ♀ not rtd.

Oxyopes ♀ not rtd.

Salticus ♀ not rtd.

Attus ♀ not rtd.

Agelena ♀ not rtd.

Lacerta pabulosa ♀ not rtd.

Tetragnatha ♀ not rtd.

Epeira ♀ not rtd.

Epeiridae fabricius ♀ not rtd.

Pachygnatha ♀ not rtd.

Linyphia ♀ not rtd.

Drassus ♀ not rtd.

Clubiona ♀ not rtd.

Theridion ♀ not rtd.

Oxyopes

14·8 45, cont. The Island, S.Qu. cont.

Ø = Turf track from W. side of peninsula to hide in full, see many Ø's on spit opposite Malabida & on the Ø's, Tombola &c. at turf-yards range 4 Brent-Geese, Ø of ocean very calm, so must explore waters. [6 P.M. Tour in Swift to Glanville Rd. — must have left about a week earlier!]

I learned after words that there are rumours in Ø that the spit of sand at Malabida extends 1 N.W.S.

14·8 45, cont. The Island, Malabida Co. Qu. cont.

11·0-11·45 AM

1 = Flat between Golf pavilion & point opposite Malabida (+ W. of fence & 'bridge' on Tyron).

11·45-12·40 PM

2 = W. coast of peninsula for ½ mile N of 1.

2·0-3·40 PM

3 = Dunes — cliffs from big dune at Clanville to Vitello & head of Lagoon [Grande Terre colony]

3·40-4·0 PM

4 = Fallow fields on W. side of peninsula.

Taken at 1: Glaucous gull 1 ad ♂ (moulting from 1 ad plumage 22·12·45)

Curlew ♀ ♀ 07.

Grey plover 2 ad ♂ ♂ 1 ad ♂

Ringed plover 1 moult ♂: 10 adults

14·8 45, cont. The Island, Qu., cont.

Taken at 1, cont.

Redshank [illegible] ♂ ♂ ♀ (4), 1 moult ♂

Sanderling [illegible]

Dunlin [illegible]

Curlew [illegible]

Oystercatcher [illegible]

Purple sandpiper [illegible]

Turnstone [illegible]

Redshank [illegible]

Ringed plover [illegible]

Grey plover [illegible]

Curlew [illegible]

Rocks 1 } non mts.
Island 2 }

14·8·45 cont = The Island, Qeq cont.

Taken at 2. [50 mm. 1 qum 2 = Hon Chalet 23·12·1948]

Gonatopus ♀ ; ant 26 . thoracic punct. ; ♂ ant. 24 .

Leucopis bilineata ♂, ant 42.

Limosina subcinerea ♀ ♂ ; ♀ ant 23 . ♂ ant.

Ph. ? thoracica, 1 ♂ ♀, ant 32 Rhinophora lepida - 3 ♂♂

Ph. ? cinerea (=annulata Beck ? not Fabr.), ♀, ant. 33 ♂ ant. 32

Borborus subfuscus ♀ ant 23.

Sphaerocera subsessilis ♂ ant 26.

Pseudopachycerina sp. ♂ ant 26.

Meoneura cinerella ♀ ♂, ant 32.

Dryomyza anilis (Fabricius) ♀ ♂, ant 21.

Opetia semicinerella 3 ♂♂ (ant 24), 2 ♀♀ (ant both 23) very small specimens. Type specimen. Very like O. nigrina, but the wing angle a little more 2nd cell ♀ ; ♂ : ♀ 4·4·5, 25·12 right ant. 22-23.

O. fenestrata ♂♀ = 2 ♂♂ 1 ♀ = 3 specimens ; ant. 21-23.

O. (Notiphila) ♂♀ = 12 specimens ; ant. 21-23.

Aspicephala (Tryphella) ? lamia ♂, ♀, ant 20.

Coenosia tigrina Fln. ♂♀ ; ant both at 22nd sq.

D. vitella 10 ♂♂ ; ant. 19(2), 20(5), 21(2), 2 damaged ?

D. cinerella group : 1 ♂ 1 ♀ = 2 ♂♂ 1 ♀ (1 ♂ ant. 20, 1 ♂ ant. 19 or 21) (smaller, smaller)

Ophyra aenescens ♂♀ 3 = 6 specimens ♀ ♀, ant. 20.

O. ♂ ♀ = 2 specimens, ♂ ant. 19, ♀ ant 16

O. nigrimana ? 1 ♂ ♀, ant 18

Fucellia maritima Fallén ♂ ♀ ant. 10-11.

14·8·45 cont The Island, Qeq cont.

Taken at 2 cont

Limosina ? sp. ♀ Island 24 -

Coelopa ? sp. 1 ♂ 1 ♀, ant both 23rd -

Sapromyza ? sp. ♂ ant 26.

Jumping Earth =

[Beetle : under dead ? mice on ground at Island ? Lagoon. Time taken 3, ♀ ♂]

Sarcophaga ? Hook ♀ = Allantonia pallidipes - ♀ .

Taken at 3 167 mounted from 3 ♂ then Chalked 26·12·1948]

Gonatopus sp. ♀ ant 26

Leucopis ? sp. ♂ ant 26, ♀ ant 23

Limosina ? sp. ♂ ant 23

Sapromyza ? sp. ♂ ant 23

Fabricia ? sp. ♂ ant 23

Trichopticus ? sp. ♂

11-8 ♂♀ ant. The Island, Co. Down, coll.

Taken at 3, cont.

Tomostoma funebris ♂♀, ant. 45.

T. cingulatum ♂ ♀, ant. 34 & 33.

Promachus vespiculus ♂, ant. 28.

P. fabricanus ♀, ant. 22.

Trichopsicus nitidus ♀, ant. 27.

Myriatrichus ♂ ♂, yellow marked =

Myriatrichus ringulatus ♂♀, ant. 33.

Leptogaster lineatus ♂ ♀, ant. 17.

Ceromatia informis ♀, ant. 32.

Brachystoma vigilax 2 ♀♀, ant. 21 & 32, large examples.

B. sphaerocephalum 1♂ & 1 ♀ small ♂, ant. 34(♂) & only 27(♂).

Scleropus tenuipes ♂ 5 ♂♂, pale specimens, ant. 33-34.

Asyndetus temporalis ♂ 10♂, 2♀ =

C. fulvitarsis prob. ♀ = pallipes ♂

C. cinctus ♂ 2 ♂♂

Penthetria ♂ (Atherix) ♂ ♀, ant. 27 & 23.

Tabanus rubens 1 well ♀, ant. 24.

T. sulcifrons ♂♀ 40 ♂♂ 2 ♀♀, ant. 34(44♂♂), 29-30(42♀♀)

T. ♂ (Rhinomyza) 20 ♂♂, ♀ ♀, ant. 35 & 36.

Dipsia spinimana (see p. 216) 2 ♀♀, ant. 22, 23 & 24.

D. fasciata small dark ♀, ant. only 21.

Taken at 3, cont.

Rhingia rostrata ♂, ant. 29.

Anthrax morio ♂ ♀ = 6 ♂ ♂ ♀ ♀ ant. 20, 21, 22, 23, 25, 26.

A. (Spogostylum) ♂ ♂, ♀ ♀, ant. 19.

A. (Exoprosopa) ♂ ♂, ♀ ♀, ant. 17.

Systropus macularis prob. ♂, ♀ ♀ ♂.

Dasypogon diadema ♂♀ 16 ♂♂, 7 ♀♀. ♂ ant. 19, ♀ ant. 20.

A. ♂♂ ant. 16. ♂. ♂ ♂ ♀ ♀ ant. 16.

A. rufibarbis ♂ ♂ ♀, ant. 13. ♂. ♂ ant. 17. ♂. ♂ ant. 15, ♀ ant.

Tipula ♂ = 30 ♂♂ ♀ ♀ =

Limonia 6 ♂ all months.

2 Weather taken under shed on roof but sheltered & moved on from along =

Taken at 4, [12 minutes from 4 to Hare Island = 26.32 & 5.46?]

Pezomachus ♀ ant. 17 on water proof at bar place.

Atrichodes or nitens ♂

ant. 29, Cyrtus shorter than abd., ♂.

Brachyopa ? vittata, well marked, Dasyopa with

B. ? pallicornis ♂ ♀, ant. 18, more obtuse at tip than

wings, longer hairs, ♂ a small insect

14 ♀ 14 ♂ coll. N. Lloyd, La Paz, Bol.

Taken at 14, cont.

Chelonia caja: abundant, but not in copulation.

Epeolus ♂, rare, on 3, Parkeriana ♂

Dasypoda crudeni prof. 12 ♂ 2 ♀ 3 ♀ ♀

Diadasia: 1 ♀, ant 23

Aplidium sp. 2 ♂ ♂: 1 ♂ = ♀ Cumana ♂ ant 23

Ruelia: 1. ant 14.

Virgin Islands 3. ant 14

Bees: reddish-yellow, small, 1. =

Ant: Pogonomyrmex molinudis ♂

25th August 1915 (Saturday) Cloudy in AM

Stiff W wind, often gusty in the afternoon

Left for a tour, at 11 a.m., in Dr. Cockerell's Ford,

Driver. Collected in the course of the forenoon

1 = E end of South side of square, Bay 6 Field

2 = W end " " " " " " "

On 17.8.1945 ECO Miedany
Ant ♀ ♀ recommended
collection on grounds
unknown to me, and
not, to my knowledge,
Stewart, 100. 9. 45

25.8.14 ♂ coll. Theodosia Spurs, Bonaire

Taken at 1. [56 mts from 14 thus entitled 30th Aug 1915!]

Epeolus: Pygmaeus ♀, ant 21.

Nomada: ♂ ♀ = Hemitelis ♀ Epeolus 20th ant. 19, 20, 22, 23 eyes

Hemitelis ♀ + small under, ant. 22, 23. Hemitelis ♀ ♀ ♀, ant. 24.

Nomada ♀ ♀ ♀, ant. 22. Nomada ♂ ♀ ♂, ant. 25

Early bee ♀ ♀, ant. 25.

Lasioglossum: ♂ ♂, ant. 25, Red gut, ♂ ♂

K Colletes ♂ ♂, ♀, ant. both 39.

Anthidium: ♀, very small, ant. 19.

Bee: Lasioglossum ♀, ant. 19.

Lasioglossum rugosum ♀, ant. 23.

Lasioglossum ♂, ant. 22.

Stenotritus of pallipes ♂, ant. 22.

Xenoglossa strenua ♂, ant. 26.

Stenotritus ♀, ant. 16.

Halictus ♀, ant. 17.

Agapostemon: ♂, Proboscis very long!

Sphecodes: ♀, ant. 20.

Epeolus: ♀, ant. 21.

Bicolored wasp: ♀, ant. 27.

26.8.45, cont. Thermion Square, Berlin, cont.

Tsheuptel, cont.

Bembecinus controtus ♀, ant. 21.

Nomada flavoguttata ♀, ant. 19.

Rhopalicus pictinervis, one ♂, ant. 26.

Cephalota (Chilosia) canigera ♂ paratype, ♀, ant. 16.

A. (Cyrtidia) parvicornis ♂ ♀ ants, ant. ♂ 15, ♀ only 14½. (15 mkd., ant. 20)

Lasioglossum fulvicorne ♀, ant. 24. D. areolare ♂ {7♂, 1♂}

D. laticeps 2♂♂ 20♂♂ ? D. gibbipes ♂♀ 1♂, ant. 29.

(10♂ (ant. 22), 1♀ (ant. 23) mkd.)

D. cf. maculipes ♀, ant. 11, with pale legs & weak sternal.

D. cf. zonulare Nurse. 10♂ (ant. 36), 2♀♀ (ant. both 33).

Ephedrus validus ♀, ant. 11.

Monocranium carinatum [3 ♂♂] 1♀. ♂ ant. 13, ♀ ant. 16.

Ephedrus ♀ (2 sorts spread). 2 mkd =

A. cf. panzeri ♀, ant. 16.

A. cf. [illegible] ♀ small ♀, ant. 14½; fine forking, blue mandible with green in centre!

Proctotr. - 35: 7 mkd. (5 Hemisphid & 2 others!)

25.8.45, cont. Thermion Square, Berlin, cont.

Tsheuptel, cont.

Chalcid. 15: none mkd.

Cynipid. 1: none mkd.

Ichneum. 6: none by E.O'M.

Tsheuptel 2 [22 - counted from 2 of these (divided 1:1) by J.]

Cryptocheilus 5 small ♂♂ (1 very small) Sat. at middle aperture, ant. 19.

Nomad. : ♀ ♂, ant. 19. Nomada ? sp. grouped ♂, ant. 20.

Dasypoda Flock of, ant. 21. Chelostoma smaller ♂, ant. 22.

Halictus nitidiventris 16♀♀ 10♂♂ ant. 35, bl. & fuscous abd. red ♀ HHS.

♀ bisfoveolatus ♀ 2♀♀, ant. both 32 [illegible] tarsus as long as shorter than usual!

♀ bisfoveolatus 2♂♂ mkd. ant. 36 & 37.

♀ bisfoveolatus ♂♂ none — 20♂♂ mkd. ant. 36 & 37, & ♀ ant. 32 & Cardoon

Evidently in open flat.

Prosopis 2♂♂ = P. hyalinata ♂, ant. 23.

P. cognata 20♂, bit more nearly all yellow, ant. both 32.

Rhinocampa pictinervis ♀ ant. 11.

Aspidota minutissima ♀, very nice specimen, ant. 16.

A. (Cyrtidia) parvicornis ♀, short ♂, ant. ♀ 15, ♂ 22 (3).

Lasioglossum zonulare 1♂, ant. 26.

D. cingulatus 1♀, ant. 27.

D. (G.) affinis 1 small ♀, ant. 21.

D. areolare 12 (mostly ♀♀) : none mkd.

D. laticeps 3♀♀; not mkd.

26 E 4 cont. Surveying Frame Book — cont

Tickets 1 & 2 cont.

Observer — engineer Y, Works Officer, 1st Class

Recorder — civilian clerk

Officers Y (north-eastern) — mounted (on if light, yellow

= 6 remainder Y, ant. Chief Inspector — mounted as one field

6 — ref — C, yellow (spot), Works Officer, 1st Class, ref. 17.

Rockets 3 —

Charges 4 — 3 on 1st.

Igniters 6 —

Detonators 1 large Sept. pounds E.O.M.

26th Aug. 1945. 6 men fire day, 1 night team

no guard (spoil dump — until barge days — off Cut

near Bridge.

Route via Erith Crossing & Belvedere Bridge

on Grand Canal & thence W. up canal to Gilbertstown

as on 25-7-45.

Collected — four areas, as follows: —

26-5 4 & cont. Grand Canal, Gilbertstown 6. Dll. cont.

1 = Edge of 4th yard N of Gilbertstown bridge & N of canal = white S of posts

2 = Edge of canal & margin of 1st yard (½ towpath) & 2nd yard (non-used), W of bridge & N of canal

3 = edge of canal & Legard (2nd) yard, bet. W of bridge & S of canal.

4 = edge of 3rd grass bet. W. of bridge — yard bet. of stat. 3 & S of canal — ∫ to fence — canal

5 taken round smaller grass bet. E of station yd (2) & path of canal

Gilbertstown 6. Dll. cont.

Tickets at 1. [13 mounted from 1 & three retained 3.1.1949]

Igniters 3 — mounted — Regulation pendulum on ant. 12

Instruction cards: 1 of each, at 11, ant. 20

Stencil cards corrected: 1 of Front (Stencilled) at 1, ant. 26: 2 each

Bell tent at 1 at 11th

Tent lamp at 11 at 11th.

Addresses received & read, Comds. E.S., and both 20.

Officers inspected & at 11 at 11th.

C. Coxon & 11 at 11th.

26 ♂ 45, ♀ 41 Tel Viv, Cairo, Egypt.
Tel Aviv, 1 ♂ 1 ♀ Egypt.
Pontolimna fennica ♂ (288 ♂♂) not rare.
P. degeeri ♂ not rare.
Corixa scotti 3 ♂♂, 1 ♀ 15 & 17 mg more females!
Hesperocorixa sahlbergi ♂ not rare.
Dasycorixa striata 1 ♂ 1 ♀ Egypt, rare ♂♂ at Tel Aviv
D. affinis 3 ♂♂ 2 ♀♀. D. egyptia 3 ♂♂ not rare
D. abyssinica 2 ♂♂ not rare. D. distincta 15 ♂♂ 6 ♀♀, not 37
D. lateralis 1 ♂ Egypt, 1 ♂ Egypt, rare ♂♂ not rare.
Ephydrida: about 20 : 5 mm. = Brachyrrhopa Egypt, not 17
Gerris costae ♀ not 16. G. argentatus ♂ ♀ not 6, wing form
G. ♂ ♀ 20, not 20, Egypt land
G. ♂ ♀ very small ♂, not 15
Velia ♂ ♀ ?

Plea minutissima ♂ ♀ very rare

Notonecta glauca ♂ ♀ not 6.

1 ♀ Clouded Yellow Butterfly seen for some time on tobacco at 2, with brown Blue, Meadow Brown, Hedge Brown (1), Small Tortoiseshell, Painted Lady, 2 Spotted Wood (1).

26 ♂ 45 not. Tel Aviv, Cairo, Egypt.
Tel Aviv, 1 ♂ 1 ♀ Egypt.
Egypt, 1 ♂ 1 ♀ Hesperocorixa sahlbergi not rare.
Hesperocorixa not rare.

Plea minutissima ♂ ♀ not rare.
Pontolimna fennica } both common not rare.
Hesperocorixa sahlbergi }
Pontolimna degeeri not rare.

Corixa not rare.
Sigara falleni (sordida) ♂ ♀ 300 ♂♂ ♀♀ very rare.
Arctocorixa deceptiva 3 ♂♂, 1 ♀, very small & pale, not 24 mg, 9 mg
Hesperocorixa sahlbergi ♂ ♀.
Dasycorixa striata ♂ ♀, not 30.
Agraptocorixa ♂ ♀ 6 ♂♂ 2 ♀♀ not rare
Agraptocorixa nouveli not rare.
Agraptocorixa parvipunctata not 21. Agraptocorixa ♂ ♀ not 24.
Agraptocorixa ♂ not 24.
Micronecta scholtzi ♂ ♀ 70 not.
Sigara fossarum (fennica ♂ (200 ♂♂) common 200 Egypt
2 with pale Egypt. 1 ♂ 1 ♀ not 20, not 26.

Ya. & Ys. ent. — Gallerister, Co. Bo. ent. —
Tekn. el. 2, ent.
Bygglåda, mur., timbr., ent. 16
— målare, snickare, typ. bet., ent. 15.
C. (Cay-Schlüter) fabriksm. 2 pers. ent. vtl.
Beredare, restaurat. m.fl. ej ent. 15 — murkar, repar. m.m.

D. [Ordn. 1945] Ø Bet. & typ., ing. ägolist & ... el
D. [illegible] 2 pers., 278, ent. 24+25(A), 6&7a(B).
D. sy-maskin. —
D. skrivbord, s — | — 2K.
D. offertm. 5
D. exhibitr. 4 (6&8)
D. (Ø) reklam- & skyltat. & Ø, 2 pers., ent. vtl.
Skärare, förgyllare, bronz., etc. Ø, ent. vtl.
Tillverkare, snickeri Ø, ent. vtl.
Praktikanter Ø, ent. 14; ass. tjänare.
Tvätterska (-skor) Ø, ord. 11; Ass. 5 Ø, ej ent. tjänare, ent. 2, 18 a.
Ass. tjänare, tvättar 103, ent. vtl.
Gift. kvinnor Ø, förgyllare, bet. & typ. arbetare, ingr. 2 pers.
Upphäng. anläggn. Ass. Ø, ent. 12 & 2 pers. ej Ø, ent. 14 & 15.

Tekn. el. 3 ent.
Tekn. [illegible] 15 — 4 — murkar =

Gjutare, 4 förmän.
6; 1 K, 1

Tekniker 4a [15 mot. från 11 a, ther. tekniker 7.1.1949]
byggtekniker, 3 — 1 arbetsledare, 1 mur. tekn. mfg =
Arkitekter — mfg — 4 Ø, ord. arkitekter, ent. 19.

Chefer, 4 förmän, 1 mur. arbetsledare, ent. 27 =
Sjuksköterska Ø, ej ent. vtl.
Expeditörer — mur. Ø, ent. 22.
Optiker — mur. Ø (2 Ø), ej ent. vtl.
[illegible] — 1 — 6 Ø, ej ent. vtl.
[illegible] — individuell ö. mot. — 2 Ø, — — — 2, ej ent. vtl.
Förmän för fabrikerna, Ø, ej ent. vtl.
Reparatörer för [illegible] — — (2 Ø) — ej ent. vtl.
Reparatörska Ø — ej ent. vtl.
Anställda hos Direktör I No. = 1 lärge Ø of Gymnastiklärare, Ø, ej ent. vtl. ingr. 19, Kung. 7/49
G. tubister 1, 1 minute Ø, ent. 16.
G. (Ø-arbetare) gravörer Ø, ej ent. vtl.

26.5.45, cont. — [illegible]

Tübingen, cont.

Zwischen [illegible] [illegible] ist nicht mehr

D. [illegible] ist [illegible] = nicht [illegible]

D. [illegible] = [illegible], cf. Gulli 23.

D. Macrosporella ? [illegible], cf. 26; besser [illegible] – [illegible]!

D. [illegible] ? cf. Gulli.

D. [illegible] ? cf. Gulli.

D. [illegible] = [illegible] – cf. Gulli.

D. [illegible] ähnlich [illegible] (Gulli [illegible]): non Gulli.

Gattung [illegible] Cryptosporella ? cf. Gulli (Gulli [illegible]): non Gulli.

Cf. Gulli = Valsa [illegible] Gulli non Gulli.

Gulli = [illegible] = [illegible] = [illegible] = [illegible] = [illegible] cf.

Tafeln: 5 cf. = G. exigua ? cf. 12 (?10) Entspricht [illegible] Gulli!
G. exigua ? cf. 17. G. cf. foveolata ? dort 4, cf. 19.
G. foveolata ? dort 4, cf. 17.

Tafeln [illegible] cf. Saccardoella ? cf. 15, passend – wenig!

Kreuter 10

Gloeosporium 4.

26.5.45, cont.

Tübingen, cont.

(Gloeosporium) [illegible] = cf. Gulli [illegible] = cf. G. [illegible] = [illegible] = cf. Gulli = [illegible] = [illegible] = [illegible] = [illegible] = [illegible]

30 E 45 cont. Muirfield, C. Del., cont.

Ticks cont.

Hemibarbus griseus ♀, ad. 18.

H. ♂ ♀, ad. 15.

Pogonichthys ♀, ad. 17.

Ictalurus nebulosus ♂, ad. 15.

Ameiurus ♂, ad. 15.

Ameiurus ♂, ad. 15.

Lepisosteus platostomus ♂, ad. 15.

Lepisosteus ♂ ♀, ad. 15.

Micropterus ♂, ad. 15.

Micropterus ♂, ad. 15.

Lepomis cyanellus ♀, ad. 15.

Lepomis cyanellus ♀, ad. 15.

Lepomis cyanellus ♂, ad. 15.

Lepomis humilis ♂, ad. 15.

Lepomis humilis ♂, ad. 15.

Lepomis humilis

72.

Rector: Conrector: 1 wtl. Kämmerer, weltl. Beisitzer

30 & 45 cont. Norfjeld, Ca. Bø, cont.

Tekst nr 3. [32 numbers for 3 : Hans Schield 10.1.1949]

Hyphydrus ovatus L. ♀ - mod.

Ilybius fuliginosus ♀ - mod.

Agabus bipustulatus ♀ - mod.

Colymbetes fuscus ♀ - mod.

Rantus exoletus ♀ - mod.

Hydroporus tristis ♀ - mod.

Hydroporus memnonius ♀ - mod.

Hydroporus nigrita ♀ - mod.

Hydroporus scalesianus ♀ - mod.

Hydroporus palustris ♀ - mod.

Hydroporus planus ♀ - mod.

Hydroporus erythrocephalus ♀ - mod.

Hydroporus obscurus ♀ - mod.

Hydroporus melanarius ♀ - mod.

Hydroporus dorsalis ♀ - mod.

Hydroporus rufifrons ♀ - mod.

Hydroporus ferrugineus ♀ - mod.

Hydroporus pubescens ♀ - mod.

Hydroporus striola ♀ - mod.

Hydroporus lineatocollis ♀ - mod.

Hydroporus umbrosus ♀ - mod.

Hydroporus morio ♀ - mod.

Hydroporus incognitus ♀ - mod.

Hydroporus tesselatus ♀ - mod.

Hydroporus memnonius ♀ - mod.

Hydroporus nigrita ♀ - mod.

Hydroporus scalesianus ♀ - mod.

Hydroporus palustris ♀ - mod.

Hydroporus planus ♀ - mod.

Hydroporus erythrocephalus ♀ - mod.

Hydroporus obscurus ♀ - mod.

Hydroporus melanarius ♀ - mod.

Hydroporus dorsalis ♀ - mod.

Hydroporus rufifrons ♀ - mod.

Hydroporus ferrugineus ♀ - mod.

Hydroporus pubescens ♀ - mod.

Hydroporus striola ♀ - mod.

Hydroporus lineatocollis ♀ - mod.

Hydroporus umbrosus ♀ - mod.

Hydroporus morio ♀ - mod.

Hydroporus incognitus ♀ - mod.

Hydroporus tesselatus ♀ - mod.

30 & 45 cont. Norfjeld, Ca. Bø, cont.

Tekst nr 3, cont.

Hydroporus memnonius ♀ - mod.

Hydroporus nigrita ♀ - mod.

Hydroporus scalesianus ♀ - mod.

Hydroporus palustris ♀ - mod.

Hydroporus planus ♀ - mod.

Hydroporus erythrocephalus ♀ - mod.

Hydroporus obscurus ♀ - mod.

Hydroporus melanarius ♀ - mod.

Hydroporus dorsalis ♀ - mod.

Hydroporus rufifrons ♀ - mod.

Hydroporus ferrugineus ♀ - mod.

Hydroporus pubescens ♀ - mod.

Hydroporus striola ♀ - mod.

Hydroporus lineatocollis ♀ - mod.

Hydroporus umbrosus ♀ - mod.

Hydroporus morio ♀ - mod.

Hydroporus incognitus ♀ - mod.

Hydroporus tesselatus ♀ - mod.

5.9.45 evak. Fyrklövern, C. Dal. - 1.
Rekv. ekv. 2 ekv. [Tekn. kl. evak.]
Trav. - evak. - Fj. nk. 12
Cyk. 2 - Fj. 2 - evak. nk.

Bronkit - 5: 1 nk. =

Fjällsjuk 2: nk. evak.

Lungsäck 3: evak nk.

Trosfrusto: Knoboldia evakuerad fj.

Tekn. kl 2. [13 manskap från 2 + tekn. kl. klassificerad 4.1.1949]
Lungsäck fj. - ej tekn. kl. 2 - upp. evak.

Kolik Kolonn. - ej evak nk.

Segelflyg ej evak nk.

Pendelfot fj. - fj. i regemente, evak nk. 45.

Opera. rensm. ej evak = 2 ekv. = 0 tekn. kl. 2, fj. evak. 6.6.46.

Kvarvarande patienter ej evak nk.

5.9.45 evak. Fyrklövern, C. Dal. evak.
Tekn. kl 2 evak.

Pendelfot fjuntid fj (C. 2 fj.) evak nk.
Lungsäck evak nk.
Ospecifik (lungsäck) pneumoni evakuerad evak nk. 17.
C. 2 - 8 fj. evak. pga. svår hjärtsjukdom, evakuerad, evak nk. 21.
Pneumoni Knoboldia fragment: evak nk. evakuerad evak nk. 8, evak nk. 20, tbf Tunb.
2 kvarvarande evakuerad fj. - 2 evak nk.
2 ekvipatisk 4 evak nk. 2 fj. evakuerade, tbf vid fj. 2 evak nk. 26, fj. transporterad
2 evak nk. fj evak nk.
2 " " fj. Dal fj. - evak nk. Tunb. klassificerad, 1 AWS, 18.1.1949.
2 cyklop evak nk.
2 (fj.) effekt = 2 (fj.) patologisk evak nk. 8, evak nk. 29.
2 (fj.) evakuerad fj evak nk.
2 (fj.) ekvipatisk fragment: evak nk.
Pneumoni evakuerad 4 (2 fj.) evak nk.
Monochrom evakuerad fj.
Trängre evakuerad 2 fj. 2 fj. 100% 2 fj. evak. evak. 12.12.48.
Effekten fj. 6: 1 evak nk, evak. 14 =

Knoboldia 6
Bleckfot 1 } evak nk.
Cyklop 2
Kaptenen - Syphilis =

[illegible]

[illegible] ground [illegible] Co Cork, and
Lakes of Killarney.

Hire Cabin off [illegible]

Revised plan per [illegible], with photo,
[illegible] revised [illegible] (as used when [illegible])
Rearranged [illegible]
Left [illegible]
Reached [illegible]
Off Cabin off [illegible]
Rocks
Another [illegible]

9½ Left 1945. Light [illegible], [illegible] left
Cabin calm, [illegible], [illegible] strong [illegible]
SE wind [illegible] rain [illegible] Reached [illegible]
Cabin. Rocks the Oldcove, Co. W1.
Left home at 9.05 & arrived at Oldcove
at 11.55 — 2 hours 50 minutes. Rain not
a breath of wind & remained very plentiful, the
rain ceased later the SE wind came &
blew steadily all day & it increased so
that the collecting [illegible]

9 Left Oldcove, W1, and
Collected — four areas — [illegible]:—

1 = NW corner of field [illegible] [illegible]
[illegible] & rocks, [illegible] [illegible]
2 = Left bank of R Lappy [illegible] [illegible]
for ½ mile & cliff [illegible] round [illegible]
above marsh, [illegible] Sabia [illegible]
3 = Right bank of Lappy below the footbridge
& all round base of the dune (S) W & N side)
including strip of field [illegible] W of dune
4 = Round rocks & stones [illegible] [illegible] N
& S ends of field [illegible] [illegible]
over & round rocks [illegible]

[Could not work bank along N side of
the field at all, there was a good
deal of [illegible] [illegible] [illegible]
[illegible] bank being too far [illegible]
[illegible] bank at 2 PM & rain ceased.]

Saw one or two Common Blue Butterfly & several
Small Coppers, also a dead [illegible] Hyperaltia
Orthetrum cancellatum flown [illegible] good photos
taken footstalk.

9 2 45 cont. Cottbus, VI. cont.

Talcum alt. (Nov. bis 1 PM) [Segment. abg. 4. 1962 13.11.1969.

[illegible] only one mounted =
[illegible] gen. typ. cot. 24.

Hfl. [illegible] cot.
Prop. [illegible] cot.
Epitheca [illegible] cot.
Cor. [illegible] cot.

Pattern mounted.

Branch. of epitheca ven. 5. ♀ 1 spec., cot. 20.
Br. of epitheca ven. 1 ♀, small, cot. 22.
Syndesm. c. [illegible] ♀♀ cot. 12.
Epan. [illegible] of 10, 15 = 6 ♀ spec. ♀ = 8 ♀ [illegible]
Diaphan. thoracica 5 (♂ ♀) cot. 21.
D. tarsi 5 obs. (♂ ♀) cot. 21.
Spec. examined with abundant reflexes.
Descr. and fig. of ♂ and ♀ genit.
Sp. typ. in coll. and 1 mod. ♂ + 10 ♀♀ cot. 23(4), 24(5), 25(1).
O. ferr.: abd. connex. 7 mod.; cot. 20 (minute), 23(4), 23(2).
O. tarsi 2 small ♀♀, cot. both 25. O. cerv. 1 ♂, cot. 25.
O. trans. 1 small ♂, cot. 21.

=

Tab. 1, cont.
Diaphan. thoracica 20 ♂♂, 24 ♀♀ = cot. 24, 25 (+ 36 ♂♂); 44 ♂♂ (♀)
Tib. tarsi obs. 10 ♂♂, 12 ♀♀, cot. 34 ♂♂, 29 ♀♀.
Diaphan. tib. tarsi 1 ♂♂, cot. 30.
Hfl. tib. 10 ♂♂, 1 ♀♀, cot. 21 + 20.
Ventroflexus pilosissima ♂♂, cot. 31. [+ with gen. typ. cot. 24]
Antennae of ♀ normal ♂♂, cot. 33.
G. subapic. ♂♂, cot. 18.

Dorsocaud. cerci 14 (♂♂, ♀♀) cot. 24.
Lat. flocculi 6 (♂♂ + ♀♀) cot. 24.
Lat. tuft 7 ♂♂, cot. 24 (1 mod. + 25 (2).
Lat. [illegible] 1 ♂♂, cot. 31.
Prop. volucre ♀.
Trilinea ocell. ♂♂, mod.
Hfl. [illegible] cot. 30.

Pterost. 16 cot. – Pedicellus [illegible] ♂♂

Glabr. ♂ 5
typ. ♂ 5 | mod.

9.9.45 cont. Rittdorf, Co WI, cont.

Tetanocerini cont. (incl. ♂♂) [Carriage fld. for ♂ the tabbed 15.11.45 p.]

Tetanocera 2 ♂♂.

T. ferruginea Fln. (incl. ♀♀) reared; Rittdorf

T. elata Fln. from pupae ♀, 5 ad. 11.

Hecamede 9 ad. 22 (mostly empty H) 9 ad. 23

Pygolabis 1 ♀ ad. 16, Rittdorf 22-3 ad. 13.

Pherbellia nigrifrons ♀ ad (wood trap).

Steganocerini (incl. ♂♂) 2 ♂♂, 6 ♀♀ common in woods.

St. pl. bellipes 2 ♂♂, ad 6th 22

St. nigricandata ♂ no marks, ad. 28

Rivellia nigrolineata ♀ ad. 26

R. dorsalis 2 ♂♂, 1 ♀: 20.9, 1 ♀ 28, ad 23, 23 + 21

Trypetisoma cinctipenne ♀ ♂, ad. 20.

Meckelomyia ♀, Head cones + rest of the ♀ Barfoot Lloyd not mtd.

Rhiphephora 1 ♀ ad. 16; sent on loan to J. F. Perkins + Edwards by

Isthmosoma 1 ♂ = B. of Swedish ♀ small, ad. 21; also large ♂ ad. 35 [Rittdorf wood - Infected with a Rhizobium sp.]

Also 2 smaller ♂ similar ♂ ad. 22 but had obviously Parasites; also one other ♂ ad. 32, legs + wings, and one wing of third, before, legs + thorax all not enough room, ♀ possibly ad.; Also another ♂ ad. 33 somewhat similar but proportions entirely wrong, ♀?

Also a small ♂, ad. only, 21 m. ♀ epistoma 50-50.

Trypogeotes globosa 1 ♂ mounted on 2 pins!

Platyparea inaequalis 1 small ♂ ad. 16.

9.9.45 cont. Rittdorf, WI, cont.

Tetanocerini cont.

Tetanocera literata 1 ♀ ad. 21.

T. elata determinations ♂♀ ad. 24, 25 + 26 Rittdorf.

Opsiodromia [illegible] ♂ ad. 16.

Oxycera [illegible] ♀ ad. 21.

Melanochira for comparison 20 ♂♂ ad. 23-35, 1 other ♂, 1 ♀, ad. 29.

Eristalis [illegible] ♂ ad. 20; 1 other ♂ not mtd.

Eristalis arbustorum + tenax ♂ Rittdorf 2 ♂♂ ad. 23-24 ♀♀ not mtd.

E. nemorum ♀ ad. 20.

E. [illegible] ♀ ad. 20.

E. [illegible] ♀ ad. Rittdorf ♂ ♀ ad. 20

E. [illegible] 2 ♂♂ ad. 16 20

E. [illegible] 8 ♂♂ ♀ ad. 20

E. [illegible] 2 ♂♂ possibly ♂♂ of E. tenax, ad. 23, 24 + 25, but genitalia examined!

E. [illegible] 2 ♂♂, ad. 22 + 23, Rittdorf wood - examined!

E. [illegible] 1 ♂ ad. 22.

Chrysogaster cemiteria 1 ♂, 1 ♀, ad. 19 + 20.

Tropidia [illegible] 2 ♂♂ Ephedrus breuis ♂ emergence? [Rittdorf pupa - emerged]

Syrphus [illegible] 2 (1♂, 1♀), ad. both 16.

S. [illegible] 3 ad. = S. of Wilton 12 ♀♀ ad. 18

S. of Rittdorf 22 ♂ ad. 19.

Beetle: Coccinellid = S. bimaculata

Sawfly: Arnentarsus elaborata ♂: not kept.

♀♀ 45, cont. Ottikon, CH., cont.

Tafel 2, cont.

Ranunculus 15 : 4 Mtd. =

Skizzen :

Tafel 3.

Tafel 3. [32 mounted from 2 + three tabelled 18.1.1949.]

Ranunculus 2 very small, 2 ♂♂, 1 ♀ : 5 only Mtd. =

Ranunculus 1 ♀, ant. like ♂!

Stenobothrus rectus 2 ♂♂ : 4 ♀♀ + 2 other specimens

= 3 ♂ of pallipes, ant. 21 + 22.

Pseudochorthippus rufipes 1 ♂ : 2 Mtd.

Rhacocleis germanica ♂, ant. 40.

Barbitistes constrictus ♂♂ : 2 Mtd.

Steneobothrus [illegible] group ♀, ant. 17 =

Pholidoptera cinereoaptera, small ♂, like very small Leaf, ant. 27.

Ph. fallax ♂, ant. 20.

Conocephalus ♂♂ 8, including 6 nigropleurus small ♂, ant. 18.

6 pallidus ♂, ant. 22. 6 roeselii small ♂, ant. 21

(all from Mt.)

♀♀ 45, cont. Ottikon, CH., cont.

Tafel 3 cont.

Copidia rufipes 2 ♂♂, 1 ♀, ant. 18, 18 & 16; very beautiful two!

6 Pholidoptera cinereoaptera ♂, ant. 27, 27, only 16.

6 fallax ♂, 1 ♀, ant. 20

Barbitistes constrictus fingered : 2 ♂♂ 1 ♀

D. longicauda ♂, ant. 21

Metrioptera roeselii 2 ♂♂ : 2 ♀♀

Conocephalus ♂♂ : 2 ♀♀ : 2 ♂♂

Ranunculus 17 : 6 Mtd. =

Pholidoptera 1 ♂ } = 2 Mtd.
Tafel 2.

Tafel 4 [30 mounted from 4 + three tabelled 19.1.1949.]

Tetrix subulata ♂, including Hemitele of specimen from ♂ Hamilton ♂ ♀, ant. 23.

Stenobothrus rectus 10 ♂♂ : 7 ♀♀ Also 4 others =

St. fischeri 2 ♂♂, ant. 23; Templer with yellow Hotel!

St. 4-reifen ♀, ant. 20

St. 4-f. pallipes 2 ♂♂, ant. 21 + 23.

9.9.45 ad. Ribbon - Vl. coll.
Tubercle 4, coll.
Hymenium fuliginous 20°, 1 p
H. paraphyses 0?.
Asci 8-spored 0?. rare
S. pulverulenta 0?
Cryptococcus , 4 ff, coll. 37, 38, 38 × 40.
Mycobacterium f ff
Corynebacteria 2 ff - 2 ff.

Cystidia of spores ff
Syzygites (gametangial conjugation?) 0? rare
Botrytis filifera Hal. 300° : 1 ntd., coll. 28
Botrytis vulgaris 0?; rare
Dicyclia obtrocata 500° : 1 ntd. coll. Hyphae of 2 fragment
Cytidia communis 16 (2 cl) 1 ntd. coll. 24
Botrytis parasitica 0? : rare
B. cinerea 10°, 1 f, coll. 33 × 36
Botrytis sp. conidiophores 10°, 1 f rare ntd 8.
Tarzetta cupularis 9 0?, coll. 23
Penicillium purpurogenum 0? rare ntd
Corynebacteria ff - 2 = G. pulmonata 9, coll. 17 G. f. parvigenum 20°? coll. 21-22, prob. rather sp.
G. pallida 0 coll. 21
G. (Syzygites) parvigenum 1 mycorrhiza 8, coll. 18.

9.9.45 coll. Ribbon - Vl. coll.
Tubercle 4 coll.
Dacrymyces tortilis 10°, coll. 40
D. stillatus 10°, coll. 35.
D. deliquescens 10 (8 × 4 f); rare ntd.
D. sinuatus ? in basidia ? 4 ff - rare ntd.
D. spadiceus 0? - rare ntd.
Cystidia dacrymycetoides 10°, coll. 16.
A ff 20°? : rare ntd

17 - clio - 2 ff - 5 coll. =

Ribbon 3. 1 beauty mill, with clubbed antennae ?
=
Corynebacteria 1 rare ntd.

15.9.1945 Diptera taken with fingers, running on pavement outside Museum, Mornington Square, Berlin =

17.9.1945. Syrphid taken at Rathcoffey Bog, near Clongowes Wood, Co. KD. =

27 Oct. Cold wet. Left hide. Stream ... [illegible] ... Dipt. 1 Pk, infest fauna ... Stream ... Left ... at rise ... fruit ... Pk Pk ... Heath. (left for Pk Pk ... Pk Pk ...) ... Pk Pk ... Pk Pk ... Pk Pk

30/9 Sept. 45. Entirely dull, misty, & drizzly
all day. Sat knight, after which [illegible]

[illegible]

Ascended Grand Canal at Killeen
& rode westward 10 km by Canal path to
[illegible] field except stop 1 km E of [illegible]
[illegible] (Visited in previous date 29.7.45 & 15.8.45.)
as well as for much except tunnel & stop near
[illegible] & return. [60 mounted & these Cabulled 22.1.1949!]

Field ½ & S of Grand Canal, W. of Killeen, & Hill.

Ab[illegible] ♀, ant. 29, small species, & inconspicuous antennae
Eng[illegible] 12 [illegible] ♂ ♀ ant. 22
Hemitele[illegible] ♀, ant 22. Rhyssa[illegible] ♀ ? ♂, ant. 22.
Exe[illegible] ♀ ant. 18
Endy[illegible] ♂, ant. 25.

Dry[illegible] ♀: not mtd
Eur[illegible] ♀ ♂ ant. 21.
Hem[illegible] ♀ not mtd.
S[illegible] ♀ 6.30.278, ♂ 6.30.278 [illegible]
Ich[illegible] ♀ ant 22 + possibly ♂ ant. 24
Sti[illegible] ♂ yellow face, ant 23 + curiously pinched head capsule

30.9.45 cont. W. of Killeen, & DU. cont.
Eva[illegible] ♀ ant. 36; recorded in [illegible]
Ich[illegible] ♀ ♂ not mtd
Pte[illegible] ♂ not mtd
[illegible] ♀ [illegible] [No observations by Mr. J.]
Bracon ♂ ♀ great abundance
B. [illegible] ♂ ♀ abundant by [illegible] [Jones coll.]
B. [illegible] ♀ ♂ [illegible]
B. devonicornis ♀♂, ant 20
B. [illegible] ♀ ♂ ♀ ♂ ♀ ♂

30·9 45 cont. W. of Killeen, DV., cont

Part of [illegible] female 1 ♂, 1 ♀. not coll.

S. cephalotes 3 ♀♀ ; not coll.

Pheidole sp. nr. megacephala ♀♀ (1 worker, 1 major) ; nest in rotten log ; not coll.

Pl. flavipes 1 ♂, coll., ref. 30.

Aspidoglossum sp. ref. ♀ = all [illegible]

A. nigrinum ♀, ref. 16. A. pallidum ♂ coll. ♂, ref. 20. A. duckei female flying ♀♀, ref. 18.

A. sp. nr. fervens ? ♂ small ♂, ref. 17. A. simulator ♀, ref. 14.

A. sp. ♀, ref. 18, resembles ♀ sample, but differs in [illegible] ; not ♂ seen, not taken.

A. (Epeolus) sp. ? ♂ ♀♀, ref. 12 & 15.

Halictus arvorum, Lasioglossum pilosum, sp. comm.,

All Colletes represented in the collection, not coll.

Dialictus sp. ♀, ref. 19

D. sp. ♀, ref. 21

D. sp. ♀ (2 ♂♂, 1 ♀), ref. 22 ; nest in rotten log

D. sp. ♀, ref. 23 ; nest in rotten log

D. sp. ♀, ref. 24 ; nest in rotten log

D. sp. ♀, ref. 25 ; nest in rotten log

D. sp. ♀, ref.

3.10.45, e.t. Royal Canal (& K.D.).

Left Lowe about 10.15 a.m. to Lowe's Bridge, by canal thro' Tarbolton & thro' Carton to Tullamtown Ho. (Mr Mitchell's). Thence collected thro' canal to Leixlip & thro' plantations, fields & roads & collected along W. & S. sides of stubble field between canal & Maynooth road, as follows:—

1 = Top half of edge of canal & side W. of Lowe's Bridge, outside Mr Mitchell's plantation.

2 = Road, walled plantation & canal-bank.

3 = W. & S. sides of stubble field (the field that in 1943 was = carrots & turnips & kale) between canal & Maynooth Rd. Third field W. of Lowe's Bridge.

Carabidae seen & not collected

Nebria brevicollis ♂♀ & probably ♀♀ at 1.

Pterostichus (Poecilus) cupreus ♀ very frequent at 3.

P. vulgaris (niger) ♀ very frequent at 3.

P. madidus ♀ at 3

Agonum dorsale ♀ & probably ♂♂ frequent at 3

Amara communis ♀ at 1

Harpalus rufipes } abundant at any
Bembidion lampros } at 1.

Nebria & Pterostichus ranged on ground at 2 in diff. ♂♂ & ♀♀ at 1,

NB. Collected 1 →

3.10.45, e.t. R. Canal, K.D., cont.

Insects taken at 1. [illegible]

Euphorus 5 + all kept = Hyperaspis ♂♀ and 19

Leptura ♂♀ and 19. Harpalus ♂♀ and 20, by Tullamtown Ho. and 21.

Harpalus ♂♀ under pieces of bark, H. ♂♀ and 21.

Rufous Hyperaspis ♀ and 21.

Polydesmus ♂♀ and 25

Homalota Coleoptera ♂♀ and 25

Homalota hyperborea ♂♀ and 24.

Porcellio ♂♀ and 21

Microchirus ♂♀ and 33

Harpalus ♀ = Pterostichus ♂♀ and 16 [illegible] and 25, and 24, not of any specimens of Carabus or Calosoma — your Quercetti Limosus?

Agonum sp. of yellow ♂ and ♀. G. of Pterostichus ♀.

Rogera tristis, Harpalus ♀, but not 45 myself, may Otiorhynchus for the species?

Phaenopsis cruciata ♂♀ and 16.

Agonum marginatum ♂ and 16.

Bembidium fluviatile ♂♀ and 20. D. femoratum ♂♀ and 20.

D. monticola ♂♀ and 20. D. assimile ♂♀ and 20. D. [illegible] ♂♀ and 20.

D. obscurellum ♀ and 20.

Pterostichus ♂ ♂ (not mtd) Micrambeus [illegible] ♀ and 20, and 17

Aphodius ♂ and ♀ and 20. not mtd

Rhizotrogus ♂ and ♀ and 20. not mtd

Chaetocnema ♂ and ♀ and 20. not mtd. Cryptocephalus ♂ and ♀ and 20.

3.10. 45, ent. Kegel bovenk. KD., vent.

Tabel vlak 3 - [29 soorten van 2 = thans tabel vlak 39 - 1945!]

Epitrimus fasciatus ♀

Rhagonycha fulva ♂ ♀.

Malachius pumilus ♀

byzetten 21 soorten 49 : 5 mtl. = Coleoptera ± 95%

Hemiptera ♂ ♀, Coleoptera, ent. 22. Hemiptera ♂ ♀ alleen vangst 27. 7♂♂ + 5 ♀♀ 4♂♂ 3 ♀♀ Tabel vlak 13/9 - 19.45

H. ♂ ♀, met vleugels, ent. 27, ♂ en ♀ zijn 50% ♂♂, 50% ♀♀

H. ♂ ♀, ent. 12.

Piezodorus lituratus prop ♂, ook enige

Neuroleon ♀ ♀ (!), ent. 38.

Bromatium unicolor 2♂♂, 1♀ : mtl vtl.

Pyrochroa coccinea 2♂♂, 1♀ : mtl vtl.

Cryptocephalus pusillus prop 2♂♂ : mtl vtl

Cryptocephalus ♀

Metoecus paradoxus ♀ : mtl vtl

Blaesus septicornis 10, 6♀♀ : mtl vtl

B. septicornis ♀, ent. 30

Blaesus modestus 1 ♀♀ : mtl vtl

Tachyporus pusillus ♀ : mtl vtl

Rhinosimus ruficollis ♀ : mtl vtl.

3.10.45, ent. K. Canal, KD., vent.

Cryptocephalus ♂♀ samen

C. sericeus (Linnaeus 1758) ♀, ent. 20 (21)

C. unipunctatus 1 ♂, mtl vtl, ent. 19

C. sexpunctatus 1 ♂, mtl vtl, ent. 19

C. (Synaptus) 4♂♂, 3 ♀♀, ± 5% ♂♂, ent. 21

Oecomus cruciatus 1♀ ook ent. 20.

D. obscuricornis ♂♂, ent. 26, grotte meest

D. abdita, meest ♂♂, ent. 30 only!

D. affinis 1 ♂, meest ♀♀, ent. 22

D. bellicosa ♀, ent. 32

D. fortior (Host.) mixed, ♀ ent. 28

[no Ophidius!]

Inocellia 13 5 mtl.

Byzetten 23 in totaal - standard mtl opvang : 1 mtl. = = Hemipterorum fabricii, Mtl.!

byzetten 3 : mtl vtl.

3 10 48 cab. Royal Canal, KD., Fort

Taken at 3 [22 counter for 2 a then 'closed 21.1.1949.']

Confluent 9, ends d 2 stiff, expelled 9 very rounded

C-pl. brevicornis ♀ n1-21.

Mouth capsule ♀ not ntd.

Ch-antennae 6 ends 3 th small = 5 segmentation 3 d 2 a 2 a ant. 24, 25 + 27

Exp. ramula 30C, Herbjum, not 15.6.26.

Co-pl. 2 1♀ not ntd

Cyclotella kützingiana 10, 2 ♂♂ 10 1 ♀ ntd.

Synedra capitata 2 ♀♀ 1931 ant 19 } 5 ♂♂ 10 not ant. chromosomes with 8 Hornets

S. ulna 2 ♀♀ 1 ntd wt body

Asterionella gracillima 2 ♂♂ 2 ♀♀ 1 ♂ ntd. ant. 21.

Diatoma vulgare 1 ♀ 2 ntd.

Cymatopleura solea, small, 1 ♀; ant 26.

Gloeotila contorta 1 ♀ n1 31

Pediastrum integrum 10, 1 ♀ n1 ntd.

Ankistrodesmus acicularis 3 ♂♂ 5 ♀♀ 2 ntd.

O. pisiformis 1 ♂ 2 ntd.

H. viridis 1 ♂, n1 ntd.

3.10.48 C

Taken at 3, cont.

Vanhoffenia ramosa

C-pl. brevicornis 8, including Co-electiformis ♀, ant. 19. C. minutissima ♀, ant. 16

C. ♀ = capitata ♂ ♀, antennae, 18 segmented. C. ♀ segmented 2 ♂♂, ant. 19-20

C. ♀ fasciculata 2 minute ♀, ant 14-15, remainder = the third!!!

C. (Synedra) planiscula ♂, ant. 19 C. (S.) ♀ ♀, ant. 15, ~~2 ntd~~ -

Diatoma vulgare 2 ♀, small 2 ♂♂ 1 ntd

D. hiemale 2 dwarf typed ♂♂ (2 = 4) not ntd.

D. vulgare 4 (2 ♂♂, 2 ♀♀), not ntd.

D. vulgare 1 ♀, fin ♀, ant. 20.

D. ♂ fasciculate 2 small ♂♂, ant 22 + 23.

D. elongatum ♀ not ntd.

D. 1 fin ♀ not ntd.

Navicula cincta ♀ dwarf ♂, ant. 17

Cyclotella stel. 1 ntd = C. glomerata ? ♀, ant 17.

Protoc. 15.6 ntd =

Chlorella 8 ntd.

Co-pl. 1 ntd.

2.10.43, cont. Royal Canal, KD, cont.

Barbastelle seen during day

Common Bats 1 ♀ at 2 flying round

Lesser-horned Bat at 1

Small Tortoiseshells Common, resting there

Red Admiral - at least 2, one at ring - also one

Comma seen or read near Canal

Peacock - only one definitely seen near 1

Painted Lady 2 or 3 at 1

Beetles: some seen by Edwards

3.10.43. Records received after dark from

ca 3-0 AM, N.E. Cliffs in mist & drizzle, spirit flies seen.

Thin Bat, Edwards, N end of Bridge 2 May Cliffs, ca

a day light. Heights of flight not noted, but

2 bats at a time, & low over water. Pipistrelle seen

in Grove & Canal

1 ♂ Common Rorqual

2 ♂♂ Noctules

Bat flying along edge of small cliff face at

ca 8ft above ground, 1 at Cliffs, 1 at Grove

Ground at rear "dry" Cliffs, & in part of Grove.

5.10.43, cont. Phoenix Park, Dublin.

Tuberculated Pondweed [Potamogeton crispus × Potamogeton perfoliatus] 1.8.49]

Hedge Common Cowslip ♀, ant 32

Creeping Jenny ♂ = [illegible] ant 30

Lesser Celandine ♀ = [illegible] ant 40

Ground Ivy ♂ = [illegible] ant 41

Lesser Stitchwort ♀ = [illegible] ant 40

Yellow Archangel ♀ = [illegible] ant 36

Greater Stitchwort ♀ = [illegible] ant 29

Rose, [illegible] 1 small ♂, ant. only 43

Sycamore ♂ = candelabra flowers ♀♀, ant. 20

[illegible] ♂ = [illegible] ♀♀, 2 fed, many small, ant 19.10.43 20.10.43

[illegible] ♂ = [illegible] ♀♀, ant 60 to 70

[illegible] ♂ = [illegible] ♀♀, ant 60 to 70

[illegible] ♂ = [illegible] ♀ many ants, at 2 small [illegible] ♀

Ox-eye Daisy [illegible] 3 ♀♀, ant 20, 26 & 26, many ants, stamens greatly reduced - ray florets small

[illegible] ♂ = [illegible] ♀, ant. 20

[illegible] ♂ = [illegible] ♀ = 6 anthers, small ♀, ant 15.

Groundsel ♂ = [illegible] ♀, till light very [illegible] & ♀♀ very small, 'spiteful'

Groundsel (Sow Thistle) ♂ very small ♀, ant 16.

5.10 [illegible] ent Parnassia [illegible], Dyctis [illegible], ent.

Tabanus [illegible], ent.

Bacopa [illegible] comm., all ♀♀; about 20 – number [illegible]

D. Campylotes [illegible] comm. 2 ♂♂, 22 – number [illegible], ent. [illegible]

D. Cryptodicla [illegible] ent. ent. 14 D. Stenopsis ♀, ent. 22

D. [illegible] ♀♀, ent. 20 & 22

D. [illegible] ♀, rather small, 24.

D. [illegible] ♀♀? ent. 25 & 26.

D. [illegible] ♀♀; ent. 25 & 27.

D. [illegible] ♀, ent. 24.

D. [illegible] ♂♂ ♀, ent. 22

Trichopsis [illegible] 6♂♂: 1 mounted, ent. 16

Rhaeo [illegible] ♀ ♀, ent. 16

Gyl[illegible] [illegible] ♀ common ♀, small + dark, ent. 17.

G. [illegible] ♀ common ♂, small ♀ ♀ but [illegible] ent. 16, 2 ♀♀ mounted

Rivellia [illegible]: 7 mounted.

Chalcid: 24 ♀♀ small [illegible] from various stems of ♀ : one added ♀ and ♂ Mr Bradley : next [illegible] of right!

Eumenes 2 ♂

Chaetopsis small [illegible] ♀ ♀ mounted

5.10 [illegible] ent Parnassia [illegible], Dyctis [illegible]

Tabanus [illegible] ent. 2 [32 mounted from 2 ♀♀ [illegible] 4.2.1949!]

Bacopa [illegible] [illegible] ♀♀ 2 ♂♂ ent. [illegible] ♀ ♀ ♂ =

D. Campylotes [illegible] ♀ ♀ ♂, ent. 22

Stenopsis [illegible] ♀, Head Type, ent. 24, no bare of scent!

Rivellia [illegible] ♂♂ ent. 24

Pachystoma [illegible] ♂♂ ♀, ent. 21 & 24.

Hoplocampa [illegible] ♀, ent. 21.

Campylotes [illegible] 2 ♂♂ ♀ = Legends [illegible] ♀ (complete) ♀, ent. 20.

+ Hyleoma [illegible] ♀, ent. 2.

Pachycrepoideus [illegible] ♀ with short [illegible], ent. 18 =

=

Blepharidea [illegible] ♂, ent. 21

Ophion [illegible] ♀ very small: [illegible] ♀, ent. 21.

Eristalomyia [illegible] ♀, ent. 17.

Sphaerophoria [illegible] ♂♂, ent. 28.

Empis [illegible] ♂♂ ♀♀, ent. 16 & 17.

G. ♀ [illegible] ♀♀ ♀, very small, ent. 17.

Brachyopa [illegible] (20) all ♀♀, 2 Cheilosia (3) all ♀♀)

D. [illegible] ♀♀); D. [illegible] 10 ♂♂, 12 ♀♀, [illegible]

D. [illegible] ♀, ent. 23. D. [illegible] ♂♂, ent. 23.

D. [illegible] ♂♂ ♀ ♀ ♀

267

5-10. 45, cont. Inverness-Square, Rothes.
Taken at 5, cont.
Inverness-shire: Rothes: Square: 5 of 2 (1 of Rothes Burgh, 1 of the Parish)
Jane, single woman, cot. 5 of 10.
Cathedral: Aff. 3 of 8, yr. cot. 12, 10 + 19.

Rothes. 15, 7 months.

Chalmers. E. (Cont. to Mr Brandsby)

Bryce, Jas. 2. cot. 5a.

No Residents: or Birthplace given. Hemiplegia common but for spasm.
Ten yrs. or under - H. right, Hemi, Hy. - Rickets, Hydro.
One of evening (Infantile convulsions)

270

10th cont. 1925. 6 Inverness-shire: Rothes: Square: 5 of 2 (1 of Rothes Burgh, 1 of the Parish)
with cliff edge SW wind, thaw, 50 to 60 persons
present for 40 hours, without water supply during the period.
Difficulties during previous night in early morning.

Reference made to Fairy Glen, Rhemie Road,
Rothes for dust & low temperature —
Lower part of Fairy Glen below road & pond
Rhemie Burn, 6 Bdg 2.30 - 4.30 PM.
1 = Bed of glen for 150 yards below road & pond.
2 = Ground sloping back during 1st 50 yds from Glen & Rhemie Burn Wall W. of glen.
[Almost all insects taken at 1 where by sweeping, especially Rhodes (Beetles) & Lepidoptera were the least & only of interest taken at 2 till 4 PM. 3 -]

[Commenced from 1 Nov. Cathedral 5.2.1949.]

Hemiplegia of spastic, by cerebral origin.
H. or H. S. [illegible]
Other Cases of Hemiplegia, not due to Cerebral Origin.
Stenosis of mitral valve (Rheumatic) [illegible]
Stenosis of Tricuspid or, not due to Rheumatic origin.

10 10 45 cont. Rheinau Park, G.D.H., Zurich.

[Take #1 under other date]

Silver carbide 50 ℔ : no wts.

Tetraphenyl arsonium chloride 2 : no wts.

Phenarsine monoxide 6.99 : no wts.

Hydrochloric 60 cc : no wts.

Crystals (Hydrate) ? ℔ ; ord. 16.

Decane dicarboxylic acid, commercial 10 ℔ 28.99 : no wts.

Dimethyl 10, about 15 ℔ : no wts.

Diphenyl ? ounces ? ℔ probably 1 ℔ ; 1 lb : no wts.

Hexadiyne 10, 2 ℔ : no wts.

Diphenyl 10, 1 ℔ : no wts.

Diethyl ether for large ℔ ; ord. 24

Toluene for 1 min ℔ ; small, ord. 22 lb

Pentane (℔) ether 1 ℔ : no wts.

Dimethyl (℔) heptane 1 ℔ ; ord. 24

Cyclohexane 5 (1 ℔) ? ord. 12, = 1 ounce

Triethyl citrate ; ord. 13.

Pentane (small, 1 ℔ probably) abundant : no wts. =

Chloroform ℔ }
Ligroin ℔ } none wts.

10 10 45 cont. Rheinau Park, Z.H.

Take #2 [Only 2 ounces from 2 of these Cubitainers 1 ℔.]

Benzethonium chloride ℔ }
Neomycin or } [illegible]

Opium ampoules ℔ ; ord. 25, triple 2 ℔ till tolerance ?

Diethyl ether ? ounces ; no wts.

Phenarsine oxide or phenarsine ? no wts.

Cyclohexane ℔ ; ℔ ; ord. 20.

D. heptane 8.99 ℔ D. hexadiyne 1 ℔ D. D. 2 ounces 1 ℔ D. 1 ℔

D. octane ? ounces.

Cyclohexane 1 ℔ 2 oz

Tetrahydrofuran 5 ounces Rheinau [illegible]

Chloroform 2 ounces

1940 to 1945 (Widmer) [illegible]

17·10·45, cont.

17·10·45, cont.

1 = Field at Redgap 1.30 – 2 o'clock

2 = Potato & turnip field at goosp. W. of Stein Tarn

3 = Glen W. of Stein Tarn at 950 ft., 1 hr. collecting on Oct 1945.

Call C. Zuckerkandl

Bramble Bees (Bombus & Psithyrus) frequent on Lythrum

17.10.45, cont. Field at Redpath nr Melrose, G. Dy
(Taken at 1.) [12 months from 1st Nov 1944 to 31st Oct 1945]

Verpa rufescens ♂♂ (1 examined) on

Cryptomyces subsp. on

Hypocrea gelatinosa on fruiting body of

Hypocrea rufa on fruiting body of

Aphanobolus carbonarius on

Bisporella citrina on

Ascobolus furfuraceus on

Peziza vesiculosa on

Aspergillus repens on

C. (Spadicoides) sp. on

Thecaphora thecaphoroides on

Dacrymyces deliquescens on

Tremella mesenterica on

Exidia glandulosa on

Exidia recisa on

Corticium evolvens on

Stereum hirsutum on

Peniophora cinerea on

Corticium sambuci on

Corticium centrifugum on

Hymenochaete rubiginosa on

Odontia arguta on

Hydnum repandum on

Hydnum rufescens on

Sistotrema confluens on

Grandinia granulosa on

Corticium laeve on

Peniophora quercina on

Stereum purpureum on

Thelephora laciniata on

Clavaria fragilis on

Clavaria vermicularis on

Clavaria rosea on

Clavaria fumosa on

Clavaria pyxidata on

Clavaria cinerea on

Clavaria argillacea on

Clavaria fusiformis on

Clavaria inaequalis on

Clavaria flavipes on

Typhula erythropus on

Typhula gyrans on

Typhula phacorrhiza on

Pistillaria setipes on

Calocera viscosa on

Calocera cornea on

Dacrymyces stillatus on

Guepinia helvelloides on

Leotia lubrica on

Geoglossum glabrum on

Spathularia flavida on

Cudonia confusa on

Mitrula paludosa on

Vibrissea truncorum on

Helotium herbarum on

Helotium citrinum on

Helotium virgultorum on

Helotium scutula on

Helotium fructigenum on

Helotium epiphyllum on

Helotium aeruginosum on

Helotium subtile on

Helotium luteolum on

Helotium cruentum on

Helotium fagineum on

Helotium fusipes on

Helotium citrinum on

Helotium virgultorum on

Helotium scutula on

Helotium fructigenum on

Helotium epiphyllum on

Helotium aeruginosum on

Helotium subtile on

Helotium luteolum on

Helotium cruentum on

Helotium fagineum on

Helotium fusipes on

Bulgaria inquinans on

Orbilia vinosa on

Orbilia xanthostigma on

Orbilia leucostigma on

Orbilia auricolor on

Orbilia coccinella on

Orbilia luteorubella on

Orbilia epiphylla on

Orbilia delicatula on

Orbilia rubi on

Orbilia sarothamni on

Orbilia vinosa on

Orbilia xanthostigma on

Orbilia leucostigma on

Orbilia auricolor on

Orbilia coccinella on

Orbilia luteorubella on

Orbilia epiphylla on

Orbilia delicatula on

Orbilia rubi on

Orbilia sarothamni on

Dasyscyphus virgultorum on

Dasyscyphus fuscescens on

Dasyscyphus nigrescens on

Dasyscyphus bicolor on

Dasyscyphus virgultorum on

Dasyscyphus fuscescens on

Dasyscyphus nigrescens on

Dasyscyphus bicolor on

Lachnum virgineum on

Lachnum pudibundum on

Lachnum virgineum on

Lachnum pudibundum on

Cyathicula coronata on

Cyathicula coronata on

Phillipsia domingensis on

Phillipsia domingensis on

Peziza badia on

Peziza badia on

Peziza vesiculosa on

Peziza vesiculosa on

Aleuria aurantia on

Aleuria aurantia on

Aleuria rhenana on

Aleuria rhenana on

Aleuria vesiculosa on

Aleuria vesiculosa on

Aleuria repanda on

Aleuria repanda on

Aleuria cerea on

Aleuria cerea on

Aleuria rutilans on

Aleuria rutilans on

Aleuria aurantia on

Aleuria aurantia on

Aleuria rhenana on

Aleuria rhenana on

Aleuria vesiculosa on

Aleuria vesiculosa on

Aleuria repanda on

Aleuria repanda on

Aleuria cerea on

Aleuria cerea on

Aleuria rutilans on

Aleuria rutilans on

17.10.45, cont. Woods S. and E. of Redpath, G. Dy
(Taken at 2.) [12 months from 1st Nov 1944 to 31st Oct 1945]

Cryptomyces subsp. on

Hypocrea gelatinosa on

Hypocrea rufa on

Aphanobolus carbonarius on

Bisporella citrina on

Ascobolus furfuraceus on

Peziza vesiculosa on

Aspergillus repens on

C. (Spadicoides) sp. on

Thecaphora thecaphoroides on

Dacrymyces deliquescens on

Tremella mesenterica on

Exidia glandulosa on

Exidia recisa on

Corticium evolvens on

Stereum hirsutum on

Peniophora cinerea on

Corticium sambuci on

Corticium centrifugum on

Hymenochaete rubiginosa on

Odontia arguta on

Hydnum repandum on

Hydnum rufescens on

Sistotrema confluens on

Grandinia granulosa on

Corticium laeve on

Peniophora quercina on

Stereum purpureum on

Thelephora laciniata on

Clavaria fragilis on

Clavaria vermicularis on

Clavaria rosea on

Clavaria fumosa on

Clavaria pyxidata on

Clavaria cinerea on

Clavaria argillacea on

Clavaria fusiformis on

Clavaria inaequalis on

Clavaria flavipes on

Typhula erythropus on

Typhula gyrans on

Typhula phacorrhiza on

Pistillaria setipes on

Calocera viscosa on

Calocera cornea on

Dacrymyces stillatus on

Guepinia helvelloides on

Leotia lubrica on

Geoglossum glabrum on

Spathularia flavida on

Cudonia confusa on

Mitrula paludosa on

Vibrissea truncorum on

Helotium herbarum on

Helotium citrinum on

Helotium virgultorum on

Helotium scutula on

Helotium fructigenum on

Helotium epiphyllum on

Helotium aeruginosum on

Helotium subtile on

Helotium luteolum on

Helotium cruentum on

Helotium fagineum on

Helotium fusipes on

Bulgaria inquinans on

Orbilia vinosa on

Orbilia xanthostigma on

Orbilia leucostigma on

Orbilia auricolor on

Orbilia coccinella on

Orbilia luteorubella on

Orbilia epiphylla on

Orbilia delicatula on

Orbilia rubi on

Orbilia sarothamni on

Dasyscyphus virgultorum on

Dasyscyphus fuscescens on

Dasyscyphus nigrescens on

Dasyscyphus bicolor on

Lachnum virgineum on

Lachnum pudibundum on

Cyathicula coronata on

Phillipsia domingensis on

Peziza badia on

Peziza vesiculosa on

Aleuria aurantia on

Aleuria rhenana on

Aleuria vesiculosa on

Aleuria repanda on

Aleuria cerea on

Aleuria rutilans on

17.10.45, cont. W. of Point Tawali (Ga 3 m. 75°W)
Taken at 3: [67 mounted from 3 other Collected 10 & 1949.]

Crocidura [illegible] ♀ at work: not mounted.

Cryptonix 12:3 mounted = Pteropteryx ♂ ♀ ♀ nat 19.

Hipposideros ? ♀ : 80 ♀ (ant 33 x 20) Tube with skin and skull
♂ ? same, not taken at 3 (ant. KD on (2) = 10 x 5.

Steatomys [illegible] 2 ♂♂, 2 ♀♀ nat 31.

St [illegible] ? 1 ♂ ant. 24.

Rhynchomys 2 ♂♂ = Pentacustha ♂ 2 ♂♂, ant. 20 x 21.

Chaerephon [illegible] 1 ♂ ant 22

Rattus [illegible] ♀, ant 21

R. [illegible] 1 ♂, 1 ♀, ant 21 x 20, normally injected.

R. [illegible] ? 1 ♀, ant 20, with shortened wings

R. [illegible] ? ♂, ant 21. I think the species, though bred from a mated pair

Dipus [illegible] ♂ 2 very bad skins; ant 24.

Pentaglenis [illegible] ♀, very small, ant 19; legs [illegible] - pale.

Lepidoblepharis [illegible] ♀, ant 23 x 18, tail very small

Dasymops [illegible] 1 skull ♀ ant nat.

Rh. [illegible] 1 ♂ ant 22.

Rh. [illegible] 1 ♂ ant 24. ♀ in [illegible] (♂♂ 2 ♀♀ now [illegible])

Aphaneta [illegible] Brian ♂ ant 23.

17.10.45, cont. W. of SE Point, Dobu, cont.
Taken at 3, cont.

Lepidoblepharis [illegible] ♂ ant. 25, tail [illegible]. 2 skins ♀♀ ant. 22 (♂♂ 18, 19 x 19, 20 x 20) (94).

2 [illegible] (1 ant. 17), 2 ♀♀ (ant. ad 16), very [illegible]. 2 ♀♀ [illegible] ♂ ant 22.

2 ♀♀ [illegible] [illegible] ♀ ant 17 2 ♀♀ ♂, 1 ♂ ♀ [illegible] (1 ant. 17)

2 ♀♀ ♂♂ [illegible], ant 20 x 21.

2 [illegible] ♀ (ant 16) damaged; 2 ♂♂ (ant 17 x 18).

2 ♀♀ [illegible] 2 ♂♂, ant 20 x 19, tails [illegible] - [illegible] small.

2 ♂ small ♂ ant 17, very [illegible], tails [illegible], [illegible] ♂.

2 (Synallaxis) ♂ 2 ♂♂, ant 22.

Bregmaceros [illegible] 17 : 2 ♂♂, 2 ♀♀ : for ♂♂ : 15, 13 mts, ant. 21 x 20

2 [illegible] (Apodemus) ♀ ♀ : 2 ♂♂, 2 ♀♀ nat. ant. 22 - 2 ♂♂ (94), 21 - 22 (94).

2 [illegible] = Cricetulus = very rare! 1 ♀ and 1 ♂, ant. tail 21.

2 [illegible] nat ♂.

2 [illegible] 1 ♂, ant 24 2 [illegible] ♀, ant 25.

2 [illegible] very small ♀, ant 22, also [illegible] ♂ ant 22.

2 [illegible] 2 ♂♂, ant 27 x 28.

2 [illegible] 1 [illegible] ♀, ant 26.

2 (Typhlomys) ♂ [illegible] ♀, ant 23, tail [illegible], [illegible] [illegible].

Transtasman [illegible] 5 ♂♂.

Aftodon [illegible] 6 ♂♂.

279

7.10 H.S. cont. W of Skin Trench, B.U. cont.
Tobacco cont.
Bracken abundant about 40 — mod. only 2 models =

Blanket 12. All made. [Sent to Mr Davidson with Mss for 1942]

Cyprus 17.

Storm: Wind very fr days altering mild, 4
end 9 October.
On 30th Oct 1945 normal flow on the eastern half
of Cuya meadows dark open — usually not
open till about end of January — still holes left
in bed. Above just covered from 6 — 11
April of last January. Second halting one of
during summer + autumn year 1943 under light

280

Forenoon very fine & sunny, afternoon
cloudy but dry. Finished cutting
the bank using C&W tunnel from 2/3 on
to 3/4 on, using 2 lines of 2 channels
& bank from 1/2 on to 3/4 on.
I removed the plank on 3/4 on &
the wash of the flow on to the
meadow & made a
On 30th N.D. Phillips died after a short illness
at 1 Dagdale Terrace, Cork. By Lot 15
from [illegible] dated 28/11/45, the house
was formerly [illegible] on [illegible]
to the Town council

4th & 7th December 1945.
Left Cork by 10 AM train (with Barry) for Cork
on 4th. Called on Mrs N.D. Phillips, 1 Dagdale Terrace,
at 11 AM on 5th & found R.D.P. dead. Left Cork by
— 1 train, except on visiting plants & bot.
Afternoon took bus to Blackrock & walked part
the East towards Douglas for a walk & then right
back along river to Cork. Slow many bird
on shore & mud-flats: a fine, cold, sunny day.

Dec 19th cont.

On 6th — a very wet day — spent all day at Killyn
cottage, took stores, &c & arranged with
Neil Sloan for transfer of same & collection &
Books. Left Cork by 11.45 train on 7th for
Dublin — a very warm day. Brought
R A Printer's Devil with us to try to dispose of
the fur Mr Killyn.

10th — 1st Dec.

The weather continued mild, strong S.W. at
times, but no frost worth mentioning. 20th
also very slight frost registered. Left Cork very
late on 19th (30th) & got to Dublin about
at 9 P.M. on 18th & in 28.1 — & bar. fell to 28.1
on morning. 19th wind shifted to W.
fell to 28.2 at 11 P.M. 19th & 20th dull
the pulse pad all day, & I felt cold
chill on the 20th on 2nd journey
by rail from Dublin to Holyhead, crossed
North Sea in pale & quiet & had
a bad crossing of 19th. 20th left for London
by mail morning of 21st Jan.

1946.

2nd January 1946. Left a few minutes before 10 o'clock and ran over to Bolgard Castle. In afternoon went on bike to Whitehill Farm via The Green Hills, round the back of the house to the left and down to Tullybeg Bridge, then left and up the hill to the right, turning at end of wood but no sign of badger sett. Then back the same way to Whitehill Farm, then left and up to the Green Hills and home via Bolgard Castle.

First Snowdrop under dec. 20 — another yesterday, not for last few days, but not actually open — as was full on 1st Jany. Last October I counted it "out" on 30th Dec.

A large clump of Snowdrops at — front garden of house — Butterfield Lane near Templogue Bridge end — & usual garden. Also we always see the first Crocus & Hyacinth well up — front garden but no flower actually above ground.

6th January 1906. A fine day with some clouds
am. Afternoon. Left Camp with the
Guardsmen to Tyn Castle & home by Rhosrobin
& Wrexham Home. Saw lots of flowers on
Hedges & others near Tyn Castle, but Violets
& Orchids not yet out. Saw a flock of Lapwings
over Stell (Virgin) = Flew, & Wild Duck
flew over Heron Bridge, Killed one but could
not find it. Very Foggy.

7th Jan 1906. A most frightful day, left a
foggy Morning. Started raining & rained
hard = rained here & there during the
day = May. Saw Sweet Violets in several
places under trees. Saw Violets
Yellow Wallflowers & Primroses in Kinnerley Lane
for the most part, walking. Short or Cross Stitch
well up, in spite of the cats & it is a strong
place

12th - 17th January 1906.
On 12th we rode to the Grove Hill & from the Tyn
Castle & Templegwen. Saw lots of flowers on
Hedges & Banks NW of Castle, but Violets
very reduced. See note — 4th p. under 6th Jan
Yellow Flowers & Primroses, but not in full
flower & Primroses & Violets & Cowslips
& Bluebells & Orchis mascula & Orchis latifolia
& Orchis maculata & Orchis Morio & Orchis
mascula & Orchis latifolia & Orchis maculata
& Orchis Morio & Orchis mascula & Orchis latifolia
& Orchis maculata & Orchis Morio & Orchis mascula
& Orchis latifolia & Orchis maculata & Orchis Morio
& Orchis

14th Feb 1946 and
[illegible] flowers on Hillspark [illegible]
Bolderwood [illegible] Burley [illegible]
Tyrrell Castle & Tyrrell Hall [illegible]
10th-15th Feb 1946 [illegible] [illegible]
[illegible] 30-5. [illegible]
[illegible] 4 [illegible]
[illegible] Single primrose [illegible]
Bolderwood on 14th & 15th actually [illegible]
[illegible] Burley [illegible]
[illegible] Hillspark [illegible]
15th Feb 1946 First flowers on Bramshaw [illegible]
— front garden & Flowering Currant — back garden
open. Dying elm near a small Elmed [illegible]
flowers somewhere near Burley [illegible]
Tree Hall Victoria — Rattspark [illegible] — flowers
16th Feb 1946 Snow [illegible] [illegible]
[illegible] Bolderwood, above Rattspark [illegible]
18th Feb [illegible] [illegible]
Vicarage Elmed Tree [illegible] [illegible]
[illegible] Hillspark [illegible]
1st flowers on Rhododendron — front garden.

Small form from Snowdon (1-0) 1st [illegible] — front garden

Dull & misty. Small Tortoiseshell (Vanessa urticae) on Mt. Pleasant (S.U.)

20th Feb 1946 Cold [illegible] [illegible]
[illegible] Rattspark [illegible]
[illegible] Tyrrell [illegible]
[illegible] Hillspark [illegible]
[illegible] Bolderwood [illegible]
[illegible] Hillspark Ridge [illegible]
Blackthorn [illegible] [illegible]
[illegible] [illegible]
9 Tulips [illegible] in back garden — only one reported
[illegible] [illegible]
24th Feb 1946. In Cadnam [illegible] [illegible]
— one plant of Lamium — front garden Southampton Road
— front garden (Hillspark) [illegible] [illegible]
— half mile dia (20th).
26th Feb Cold with [illegible] [illegible]
26th-28th Feb Stay with [illegible] [illegible]
(Tuesday) [illegible] — [illegible] Cadnam [illegible]
[illegible] Millbrook & Bournemouth to Ringwood [illegible]
St. Catherine's College, Whitefield & Rattspark. Stay with
Lepidoptera seen — [illegible] Tortoiseshell & Brimstone

27th Feb 1946. 8 for 1st part very cold after frost night. Left camp 10 to 8 Killing & walked up Grand Canal to Shackleton's hut 10 to 11. Grand view of mts from W ends of lake. Left hut 11.30 & walked back to Killing Base 12.30 to 1.30 pm. Lunch at Killing Base & left 2.30 pm. Walked to Sawmill & spent rest of time — left on 6.30 pm train & got to Sawmill 7.30 pm. Collected 1 pr Brush tail (Bassaricus) from Mr Conrad Hamilton (Rat Hunter), & returned camp — Hedin removed, eyeing, enteroscle (ruptured) ran camp, ruptured bursa; anal — Forearm fracture ran — shot on 4th bursa — shoulder stiff, very pitted, Lower flank & under stomach wounds, but very fine (Sandfly bites) Walkin colony of Tuteracus complicus, & Hirudinea (one I found dead on top of Mt Potts) & caught spp. Kept a look out for woodlice, especially the new species found on S cliff of Mount Hut, but spp of Porcellio scaber & Armadillidium vulgare only found near the cabin Trichoniscus pygmaeus

28 2 46, cont. Killing Camp, cliffs etc round — complicus & pale Hirudinea both common in moist places, noted & very round Carab beetle, Pterostichus [illegible] pit, on face of South cliffs — Shed burnt down to top course, new Gentleman's dunnie in place, after dinner, round Sawmill, found one Hirudinea crawling about, but no sign of rest of spp, round Mt round & after getting home & there, very little or pitfall, one rat in one but no centipedes one. Came back to town on Killing Hill & got home at 5.20 about on time!

1st to 3rd March 1946. Heard footsteps, night & foll. morning day

4th March 1946. Back to find a little rain on the top of pass, but a fine night & about 8 am a fine day all day got caught — shed on pass. Left at night & struggled thro, fine cold day.

5th March. Thick rain & struggled all morning, with strong SE & Gale NE winds, in rain & fog, but lowering black clouds filled with English rocks cut off most of the light.

6th March. 6 for cold day, left camp 10 to 8 am, ran — afternoon. Left camp walked from Mead

6th Mar. 1946, cont

of Victoria Rd, Dodder & Bloomfield & the mouth of the valley of the Dodder. A Buzzard was seen hovering over the Dodder below Rathfarnham Castle & probably 2 or 3 pairs of Long-tailed Tits in flocks at Terenure, Palmerston Park & Orwell Road.

7th to 10th Weather continued dry & cold, with frosts at night & no drying day.

10th March 1946. Still some snow on the hills & SE wind & grey overcast. SE wind & clear midday & afternoon & moonlight night with SW wind & bright sun. — Chaffinch at Terenure, Kingsland. Visited Glenasmole, the Hunter's Hotel & the Hunter's House, to Old Bawn & the moor by Redpath to Johnstown & home by Tallaght & Templeogue. Saw raptor over Glenasmole, probably Sparrowhawk, flying on Barnes Standing Stone, Bohernabreena & Tenure Reservoir. Lot more wild flowers in bud, except in the most sheltered situations, many plants, including Ivy Cress, showing effects of recent night frosts.

13th March 1946. Still cold, with heavy rain on the mountains on 12th & 13th. The snow is disappearing slowly on the mountains.

17th-18th March 1946. The cold still continues with night frosts & 17th-18th a moderate gale from the north-east. Heavy rain fell during the night of 17th-18th & the morning of 18th was overcast & cold. Visited Terenure, Palmerston Park & Orwell Road & walked to Templeogue & Tallaght & home by Old Bawn & the moor. Saw a Buzzard over the Dodder valley & a Sparrowhawk over Templeogue. Heard a Chaffinch singing at Terenure & saw a Kestrel hovering over the moor. Saw a Meadow Pipit & a Wren on the moor & a Starling at Templeogue. Saw a Jay at Templeogue & a Blackbird singing at Terenure. Saw a Kestrel hovering over the moor & a Meadow Pipit & a Wren on the moor & a Starling at Templeogue. Saw a Jay at Templeogue & a Blackbird singing at Terenure.

19th. Very warm, with bright sunshine, strong SW wind

20th March 1946. Still very warm, with bright sunshine, strong SW wind & cloudy afternoon. Visited Terenure, Palmerston Park & Orwell Road & walked to Templeogue & Tallaght & home by Old Bawn & the moor. Saw a Kestrel hovering over the moor & a Meadow Pipit & a Wren on the moor & a Starling at Templeogue. Saw a Jay at Templeogue & a Blackbird singing at Terenure. Saw a Kestrel hovering over the moor & a Meadow Pipit & a Wren on the moor & a Starling at Templeogue. Saw a Jay at Templeogue & a Blackbird singing at Terenure.

20th March 1946, cont

In afternoon rode to H Grenville + Lone by Town Gate, Bathing, Pic Stone + Tregagus Vale + back at 4 Town Gate, Bathing + Sunbathing with Tobin Hal + Bathing, Sunbathing + Tea 4 Bonfire Beacon + Lone from Footbridge via Dodder to Pic Stone + Bathing + Sunbathing Hal + Tobin + Lone + Footbridge at 10 PM, + Sail Tortoise + Bathing + back Gate at 2 PM, just Rd Sunset + Pic Stone + Pic Stone + Town + Town + Town

27.3.46, cont. Kitlinger, Q. Zu.

a pretty below-zero — we'd left a Thermos to
relieve — After lunch we drove towards
up a side of path for a couple of miles
spent a Potter around the path.

Then we flying to down the hard, but were
all wet in Andreas injoyment car, with 1 or 2 Gf; drove
also 1 Q Andreas grapevine (= bottle), stood 1 Q a while,
a nice Gf in the middle Hotel, also 1 Q Cocktail
evening — a Gf 83 Pavonia. Passed Small Tortoise-
shell on driving day a Brown Hotel a Small
White Butterfly flying down the road
just below the wall of Villa Rd. but a dead wall of
the Villa Lucida, and Ch. H. noticed that had been
done in a hurry, out of the garden effort.

Afternoon, on my home, called to see J. N.
Hallett who had been reported poorly & found
him in bed suffering from anaemia — in a cold
dark mid-underground room, the attendant in
charge and got room warmer!

31st. had L. E. O'Mahony from Steyning, returned for Lockey
Island, Co. Dell, on 11.4.45, together with Mr. Middleton, but
no one came into bed. Bees, Hyperchondria merged on
8 April, 11 April & 10th May 1946 =

30th March 1946. A fine day, [illegible]
Bungay, but went a bit [illegible]
on bed a it rained [illegible]
Thunderstorm [illegible] to Redhouse, [illegible]
Crowfield, [illegible] Twinplain, [illegible]
Hetcham, middle, a rainbow-bird, about 37 birds all
a D.W. Gwyn a Broad Crowfield, but the after-
for a few days. The report mentions an interest-
a comment a follows: —

C.H.
Nov.
200
Hetcham Hall
Hetcham Middle
Crowfield Hall
Crowfield Church
Crowfield Hall
Crowfield Church
Crowfield Hall
Crowfield Church

30.3.46 cont. Ballington's Knoll, cont.

Several moth-eaten, + worn-looking Rhopalocera seen here today, + difficult to take + retain specimens for identification. Very wise result of abundance. The rest below, + others, left to be identified.

Took or saw the following:— [(counts) the whole morning]

Small Tortoiseshell 1 Peacock Butterfly 1

Brown Eyes seen + 3 possibly 1 ♀ in Dandelion in Quarry garden (+ hides) ♂

Gatekeeper 4 ♂♂, my first ‖ Hyponephele lycaon seen in Quarry garden + Meadow 1 only.

Meadow Brown seen + 3 possibly 1 ♀ in Dandelion in Quarry garden (+ hides) ♂

Verbascum ♀ seen at the Rockery, Rare = garden yet + pretty, like buff-&-yellow mixed, without much tobacco-suspicion ? ♀ = ramosissimum, not. 36. rec. Rock Garden

Cheiranthus recognised ? ♀♀.

Bees seen Lasioglossum 3 ♂♂, ♀ : 3 ♂ with, not. 2 workers (?)

the Lasioglossum ♀, not. 13 ♂ ♂ not 15, small.

Cephalozia ♂♂ ? : 10 not., not 13, not Cg, my small.

=

Procta 1 not. =

Glechoma 1. not not.

Bees seen for Orchard

Tortrix Halimella [illegible] (+ others)

1st April

25th – 31st Week ending Sat. All days fine, frosty at night + in morn., but no rain + days + sunny, up to 55°.

Insects flying + active:—

1st Flies in Garden. Hymenoptera Apoidea 29th, Andrena 31st

Bombus pratorum ♀ seen + feeding on 31st at Hazel-Catkins + Salix Caprea Hazel.

Diptera, Bombylius 1♀, Bibio 1♂, 2♂♂, 3 Tipulidae 1♂ seen 31st Tipula. Correct date seen 17th.) Chief plants, potatoes — nine rows planted + one plot + back garden.

Hymenoptera Apoidea Andrena nitida ♂♂ on 31st + also on Bees in Cupressus for Pulmonaria (for 10th) + on Cotoneaster

Bees on several "wrong" days, especially 29th

Bees attempting to take pollen from Corylus 29th April

Small White Butterfly seen + photographed on 31st + noted on 1st April

2nd April 1946

George, Stanton Harcourt, met Ted Evans + Primrose Butterfly + Comma + Tortoiseshell known, Peacock + Small Tortoiseshell afterwards, when going + Brimstone on 1st

[illegible] April 1946

[illegible]

[illegible]

6th April 1946.

[illegible]

[illegible]

[illegible]

11th April 1946. Cirrhus veil during [illegible] and [illegible], but the sun visible (8/10 Cirrh).

In morning rode to Kirkwall via Stenness & Finstown by Loch of Isbister & Loch of Hundland & Loch of Harray by Lord Kitchener Memorial Cycle Track & via Ayre of Cairston & Finstown & Quoyloo & Sandwick & Stromness.

12th & 13th April. Dull with a shower, but rain missed us & we had a ship on 13th.

14th April 1946. A most perfect day, without a cloud in the sky but sun: no wind & morning, at first, 55°F but afterwards very hot sun & little wind. In afternoon rode on bike to Golberstown & Grand Canal, & Rapid Head Village Institute concert in the evening, and on Sunday ran round at Golberstown & rode on Dear road via Bloodlake, but heard only one bird-chaff only all day, & that in bushes round at Castle Craggat on return journey:

Tried recapture Tyrou hunch (12 noon till 1 P.M.) on N. side of canal (1) & then 2 to 3 P.M. on S. side of canal after lunch (2)

14.4.46, cont. - Golberstown, C. Dull, calm. Sunday day rep. [illegible] Rapid Head, very quiet

Birds heard, Curlew, Lapwing, Redshank 44.

Arctic Tern, Common, Redshank 44.

Habitats noticed, Curlew (2 on Rapid Head Farm) Redshank Common 22 pairs, 3 calling, 2 Lapwing 2 pairs, Skylark, 1 song, Meadow Pipit 2 pairs, Starling 2 pairs, Rock Pigeon 2 pairs, Wheatear 1 pair, Arctic Tern 1 pair.

Butterflies: Small Tortoiseshell, Peacock & Small White seen.

Rabbits, Hares often seen: —

C-I. [Card not in this bundle 22.2.1949]

Eriophorum 30°F, on grassland in wet Shetland, est. 33 = [illegible] & 15 Eriophorum [illegible] est.

Stromness 45°F, 1 yellow face, est. 33 sec, [illegible] Capitola 4 [illegible] F, at 17:15, but [illegible]

A. reptans 2 [illegible], small, est. 66 sec.

Saxifraga tridactylites & tridactylites with 2 petals (C.)

Chaetoceros 2

Cyrtophora 2 Cochliopodium [illegible] 2 [illegible]

PTO

14.4.46, cont = Gilbertson, G. D.U, cont
Taken at 2. [Only 2 sts. & these doubtful as = of 3 sts.]
[No Tetes at all.]

Cephalia of one head [illegible] on the other, medial & ± Ocelli.
C (Gnathal) ganglion ø
Tritocerebrum ø
D Thoracic & Abd. ganglia ø
D Segmental ø of pigment & fat ±
Gut with store of urates [illegible]
Cuticle ø ?

Reproductive organs ø
Rhabdites & Gland Cells [illegible]
=

14th 19th April '46. Weather continues fine till end NW breeze & very hot sun on 15th-16th, but then some thundery rain-spots on morning of 17th, with some showers, heavy showers & strong intervals in afternoon, fine again on 18th 19th, with cold breeze, rain on night of 19th-20th & drizzle on 20th till late afternoon & cold.

Young plants showed remarkable growth after the rain of 17th. & Euphorbia hiberna (old plant) ~ front

14th 19th April 1946 cont.
[illegible] mainly dependent on 17th rain. Flowers on 20th. See records, more "Ecol." standpoint than diurnal fluctuations. Flowers by 19th (Good Friday) Ran D A Wade (D.A.W.) over to see Trees & Hedgerows. Orchis mascula = Loch Leven: flowers on 19th. Adonis & all the Anthyllis by 19th. Silene cretica for London about first flowers on 17th & Clove Pink start on 19th. Betula nana in full leaf, with catkins on 15th. Cornus sanguinea (Dwarf form flat), C. mas & C. sp. by unfolded leaves (2 rigida x sanguinea) all in flower by 19th.

17th April 1946. Afternoon took car out for exercise — often on long drives before the rest — & drove via Bramham Moor & Scarth & Low via Oak Commonside, Gateland, Stutton & Hillthorpe. Saw rather few wheatears & distant view of House Martins just below Ridge Scarth (ca 5. of 6th).

Cuticle tegmen 15th, cut 20; 5 cut 20, wings left unfolded & [illegible] Tarsus pro tibia end = Feb. 1943, but gum & one used in wards.

26th April 1946 Heavy rain during night & during till 9.45 a.m. when it cleared & sun came out. Rain started again at 5 P.M. Evening: Inspected 1 tank: Tank Park at Kifri & Kifri Village. Tanks planted on 13th April.

28th April 1946 Took tank to Kifri Village & Kifri Village Hill & back. Left camp at 10.30 a.m. Reached Kifri Village at 11.30 a.m. Left Kifri Village at 12.30 p.m. Reached Camp at 1.30 p.m. Distance covered 30 miles. Tank Park at Kifri Village. Tanks planted on 13th April.

25th April 1946 and Kifri & Kifri Village 11.30 a.m. Left Camp at 10.30 a.m. Reached Camp at 1.30 p.m. Distance covered 30 miles. Tank Park at Kifri Village. Tanks planted on 13th April.

[illegible] Kelsey, cat. Walked, to K[illegible], cat.
Ticket 2, foot of [illegible] shared, Wandle SE. of cattle
Stilpnonia? fem. at 9.0 [illegible]
[illegible]
[illegible]

Braeon hispterga ♂ 2.9, cat 21.6.
Allora centralis ♂ cat 21.
Exeristes comitator ♂ [illegible]
Diadromus [illegible] 2 ♂♂ cat 21.
Mesoleius [illegible] ♂ cat 18.
Hemiteles areator ♂ cat 18.
Ophion [illegible] ♂ cat 18.
Rhyssa [illegible] 5 cat 18.=

28.4.46. Garden, 14 Glenville Rd, Kew.
Just after sunrise I had seen a large
Ichneumon on garden, Helen J.P. & others
to get it & Barbara [illegible] saw them [illegible]
Bombycilla & at last [illegible] of Hemiteles [illegible]
at 7.30 P.M. as it still killed & had [illegible]

3rd May, 1946. Rainy [illegible]
[illegible] & NE wind. Left [illegible]
[illegible] left [illegible] [illegible]
Dense [illegible] & left [illegible]
to about 1 in the bend [illegible]
pond in, but found it [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible]

4 Mar 1946 [illegible]

[illegible]

=1 [illegible]

=2 [illegible]

[illegible]

4.5.46 cont.

[illegible]

=4.5.46(1).

[illegible]

2 Edwards

[illegible]

4.5.46, cont Brockagh, Co KD

Smith Eth at 2 = from motor mast at C.
in county Kildare, with Hoffmann Selsyn switch
Bedale mks. Kildy Pair Platform, near
Brockagh, Co KD.

4.5.46, cont. Brockagh, Co KD. cont.

Theo at 2, cont:

[No Aphelids!]

Phantom S 2411 =

Oxygen

Chlorella 1.
Euglena 1.

12th May 1946. Overcast first day since return from Dunmanus Inlet, with E. to SE. winds and a fair to moderate sea, some large (? mainly small) Leptocephali caught at Sta. 1 on the 10 fm. level, ground at Sta. 2 on the 20 fm. level, and at Sta. 3 on the 30 fm. level on the Little Skerry for a mile to the east of the ridge also Calvins Hill & near Dyrefodrin skerry & elsewhere in small pools. Only flow was a day's rise & ebb in progress up Bantry and Dunlough Bay & ridge & the east round into the North Basin & back round Bantry Bay station for Seafish Report. Cast Canal continued up the Basin to the Pier

12.5.46 cont. Lupercalia, G.W. cont.
at about 2,200ft & started Oxlips, Violets
for Evelyn & Mrs Ingram & found
blue flowering shrub on R. Taj and N.E. of
N. Cairn & at 2½ft. first R. Then
we rose to about 3,000 & crossed a SE facing
thin rock, on the other side of which lay a
narrow fast frozen & 2ft deep in snow
at 5 and 7 wide fast frozen, & 50ft wide
came on SW side of rock in a small field
Shelf Ldo not remember seeing Lyre Lis with
them. Later remarked it! MNS. 13.5.46.]
Next crossed to S. side of Cairn & on
the second Tarn, quite shallow, & not
yet fully S of the to top of cliffs &
crossed plateau, veering only & for Tit of
Vaccinium Vitis-Idaea & much Sax stellaris.
After visiting the cairn [illegible] Tarn rejoined
on summit returned to car & had tea.
Trouble with a broken suction pipe to
Austin near Davidstow delayed
return, but having mended this with piece
of rubber tube off one of my socks,

13.5.46 cont. Lupercalia, G.W. cont.
eventually left Glen Head at 9.00 & home
at 10.20.
Collected a few bits of plant (Asplen & Fern)
for Keble & on both of Sheets, but did not
collect any since frequently. Saw one
Bombus Terr at Trink Flat & then
noticed one at a show Spruce, & Rumble
Vaccinium hybrids in wet peat near
Flat.
Carex rigida in flower at 5 mile & noticed
a C. Goodenowii, C. Juncea, C. pilulifera
& C. binervis, saw in flower on Cow Table
Carex Cespitosa was in purge of Little Stony
at about 1,100ft.
During the hard run first Euphrasia & Gentian
of the series & on the Cliffs Potentilla
(one specimen, a creeping type), Armeria
Thrift was a marked feature.

Was Thursday Euphrasia Lifeless top was kept
in pot packed & moved back to Penzance
Hotel to spend two days the month. Flowering
perhaps delayed by very dry situation.

13th – 26th June, 1946.

[illegible] (15th & 20th) [illegible] N & NE wind
[illegible] gradually [illegible] sea [illegible]
[illegible] rain. Rain on 16th [illegible]
[illegible] On 22nd (Wed.) [illegible]
[illegible] for Clonmacnoise [illegible]
[illegible] Swift seen
along R. Ily – at 11.00 a.m. [illegible]
Delta of Shannakeeragh, or long bar from Jack,
and Anne Sullivan, Hanna Healy & Sarah
Ellen Fleming, the 2 men.
Pleasant garden, fed mostly on 25th. 27th
before going on holiday to Clifden, Bridie
Fenton & L. Kevin (3) on 28th for account
of which B/f on Vol. 16 of this diary.

On 20.5.1946 took a Tinplovine – Numbers 9 – on beach
in Clonmacnoise area, Harold Evans

Collection for me by Miss P. Hammond
in a rowing-boat called The Curlew at Lough Ennell Station,
Near R. Shannon – E. Leinster – Offaly.
– NB. Numbers mostly kept on cork – see Hammond MSS. detail reports in 1946 AWS
26th June 1946. To [illegible] 22 mounted & the [illegible]
Sterna hirundo, ♂, ad. 10.
Larus ridibundus, ♂ [illegible] ♀, ad. 10.
[illegible] ad. 2 ♂♂, ad. all [illegible], [illegible]
[illegible] ♂, ad. 20. [illegible]
[illegible] ♂, ad. 20.
[illegible] ♂, ad. 20.
[illegible] ♂, ad. 20.

Collected in Greenmore District, E. Lowmoor
by Philip Harewood, cont.

4-6 July 1946, cont. Swept around the mountains of Greenmore Hotel
in afternoon of 6th July 1946: —— The following 35 species
identified 5/2/1949 [illegible]

Homoeidae pubiceps ♀, one worker, not. 21. H. [illegible] ♂, not. 22.
Pezotettix [illegible] ♂♀, not. 24 & 27, discrepancies between [illegible] weight to pl. 1.
Eroeschus [illegible] ♂♀, orchard pests, not. 26(C) + 28(B).
Orthacris [illegible] ♀, small ♀, not. 29, hind flight wings [illegible] banana!
Acrotylus [illegible] ♂, not. 16.
Melanoplus [illegible] ♀, not. 31 & 32.
Meconema [illegible] ♀, not. 18.
Microcoleus [illegible] (Kirby) Thom. ♂♀, not. 26(C) + [illegible] ♂ not 27 sq (2).
[illegible] ♂, not. 26-7 [illegible]
Agraecia [illegible] ♂♀, not. 6 & 24.
Calyptotes [illegible] ♂, not. 30. Euplectes [illegible], not. 35.
Opsiedra [illegible] Hal Layc ♀, not. 37.
Bivittatus [illegible] ♂, not. 40. B. [illegible] Hal. ♂, not. 41.
Rhy[illegible] [illegible] ♂ ♀, not. 25 & 26. R. [illegible] Hal. ♂ ♀, not. 30 & 27.
Aspidota [illegible] ♀, nice ♀, not. 16. Bacunia [illegible], not. 36.
Xiphidium [illegible] ♀, not. 23 & [illegible] ♂, not. 34.
Conocephalus [illegible], 30 ♂ ♀ not. 38, 41 & 42), 43 ♀ (not 44 & 20).
Eu [illegible] ♂, not. 39.
Acrida [illegible] = of Rhyalotes [illegible]

Collected in Greenmore District, E. Lowmoor
by Philip Harewood, cont.

12th July 1946. [Flakes all from The Bluff, Cape Maria
[illegible] & [illegible] 7th July 1946]

[24 months (exhibition) & then labelled 5.2.1949 / A.W.S.]

Phlaeoba [illegible] ♂ ♀, not. 20, bank.

Stenacris [illegible] =

Tryxalis turrita var.? ♂♀, not. 24.

Eastern notes [illegible], not. 33 & 34. Brown [illegible], not. 29.

Brown flavi-[illegible] ♀ ♀. Type A.W.S. 6.2.1949. Small pink Tryxid
2 yellow yolk, Egg-[illegible], not. 28 my, [illegible] sand, Typical oviposit.
3 after flight [illegible] ♀, not. 29.

Tree-[illegible] ♂ (♀ ?) [illegible] on [illegible] Shag on 21st June!

Euplectes [illegible] ♂♀, not. 35/24 - regurgitated, Eggs in the dead.

Pezotettix [illegible] ♀, not. 31, [illegible] specimen.

Bacunia [illegible] 1 small ♂, not. 40, 2 [illegible] ♀, not. [illegible]
Conocephalus ? Xiphidium notabile ♂ [illegible] not. 42, 43 & 44
Euplectes ♂ ♀, not. 19; [illegible] ♀, [illegible], not. [illegible]
Calliptamus explodens [illegible] ♂, not. only 40. [illegible] 1 ♂ Flies 2 ♂♂, not. 39 & 31
[illegible] of elegans [illegible] ♀, not. 35, on Cape ♀ of not. [illegible]
♀, not. [illegible] ♂, not. 40.
Locusta maregan [illegible] = a most beautiful ♀, not. 45
Euplectes [illegible] ♂, not. 19. Cape specimen.
Pseudo [illegible] =

Collected in Cwicmore district, E. Inverness
by Philip Harwood, cont.

26th July 1946. Swept on edge of the now flooded Bogail, nr Glenn Cottage, Cwicmore.
[20 mounted + then labelled on 7.3.1947 HH.]

Epitomus typaeum ♂, ant 33

Orthocentrus of sp. ♂, ant 36

Exochus tenuicalcar ♀, ant 37.

Cremastus Cwicmorator ♀, ant 32.

Glabrana secutor ♂ ♀, ant 33.

Microplitis Inferent fere ♂, stigma not pale at base.

Agathis of mac anglica, 2 ♀♀, mostly, ant only 22, 1♀, ant 22, tiny + mod.

Blacus of maculipes Woon ♂, ant 31.

Opius pygmaeus nr longicornis ♂, ant 22. O. exiguator ♂, ant 22 (?)

Opius (Biosteres) notidens nr. longicaudis ♀, ant 19. O. (B.) longicaudis ♂ ant 44.

Phaenocarpa notabilis ♀ prob ♂, ant 53

Aspilota cinctipennis, 2 fair ♀♀, ant 23-25 in bott.

A. fuscula nr, 1 imperfect ♀, ant 23, of common type.

Dacnusa minella Haliday, 1♀, ant 34

Coelinius similis nr ♂, ant 42, small species.

Sp. of n. sp. Tejon, ♂, ant 45.

5th August 1946. Swept in The Bogail, nr Cwicmore Cottage, Cwicmore
[15 mounted + then labelled 7.3.1947] Hoplismenus pernicious ♂ ant 37.

Rhoscyrtus ♀, ant 31 =

Limneria cylindrator ♀, ant 35. Glabrana nigra ♂, very dark, ant 43.

Collected near Cwicmore by Philip Harwood, cont.

5 & 6 [The Bogail, nr Cwicmore Cottage, Cwicmore] cont

Glabrana secutor 10♂, 1♀, ant. 32-33. Agathis of mac anglica, 1 ant 22.

Exochus of secutor? Hoplismenus? ♀, ant 35, Blacus maculipes, 10♂, ant 22.

Opius (Biosteres) longicaudis Hal ♀, ant 42.

Phaenocarpa notabilis ♂ ♀, ant 53. Aspilota cinctipennis, 2 ♂♂, ant. 25.

Procto. 2 =

7.8.1946. Swept around the Cwicmore Hotel, Cwicmore. [Cwicmore Cottage + Cwicmore Hotel labelled 10.3.1949.]

Microgaster gnaminicola ♀, ant 26. Stenomacrus sanguinator ♀, ant. 26.

Trachyusa pallidipes ♀, ant 25. Microleia [illegible] ♂, ant 23.

Glabrana sp. of nr femorata, ♀, ant 32. Exochus? ♂, ant 25, nr. Exochus 1♀, ant 22.

Limneria ♀, stigma pale + connective with yellow stripe, ant 22 =

Sp. of sp.? ? phobetid nr Lissolophus, ant 25

Hedychridium ? sp.? ♀ ant 45 Trichopria of nigripes ♂ ♂, ant 20-22.

Bracon fulvipes ♀ 1 small dark ♀, ant 32; 2 ♂♂, ant 26; also 1 ♂ small + strongly ant 20 the antennae white, wings pale, legs + body almost like a Microgaster, but abdomen long

Agathis of mac anglica, 2♀♀, ant. 22-24

Exiguator of Stenomacrus, 1♀, ant. 20.

Exochus fine sp. 2♀♀, ant. both 22

Epitomus of pygmaeus ♂ + ♂, ant 23.

Procto. 1 =

30th June 1946. Tuesday Pool, near s. end of pond ditches along road, 1150 ft. alt., NW. of Ballinacrow Esq., Co. Louth.
[20 insects mounted & three labelled 11.3 1946.]

Bombus lucorum, Cefn. form, ♀ worker — 44 acc.
Anthon ♂.
Centhetrum sp. 2 ♂♂ : nit mtd
Eristalis 6 : none kept.

Polydesmus sp. ♂, ant. 16.
Penthetria fuliginosa 1 nit mtd.
Empis pilipes ♀ 2 : 1 ♀ mtd = Rhyphus fenestratus ♀ ant. 30
Mesochorus sp. ♀, ant. 42

Ascogaster in Tabanid ♂, ant. 33, black hypopygium & abdomen
Blacus ruficornis ♀ nit. mtd.
Ichneumon fugax ♂, ant. 19
Opius caesus ♂ nit. mtd.
O. testaceus small ♀, ant. 24
Pentaplasius fuscipes ♂♂ ♀♀ not mtd.
P. ruficeps ♂ not mtd.
Aphanista tenuicornis ♀, ant. 22

Aspilota sp. 4 = A. distinguenda ♀, ant. 20.
A. luteola ♂ ♀, ant. 18 & 19.
A. (sp. ?) 1 mut., wings ♀, ant. 16, hypopygium & abdomen.

Dacnusa areolaris & neomphale ♂♂ & ♀♀.
D. stigmatica ♀.
D. sp. 1 ♀ (one wing lost), ant. 17 & ant. 20.
D. sp. 1 ♀ (no wings), ant. 15, tentatively referred.
D. affinis ♀.

Chorusa conjugens ♀♀, dead stylosa, ant. both 29.

Aphidius sp. 3 : 1 ♂ = Aphidius sp. nigricornis ♀, ant. 16.
Note by R.B. Hayward: Placed by Mrs R.B. Benson but the Comerian, C.P. Smith, is correct in saying that in nature "Aphidius" and Praon is wrong — E.M.H. dried 1947.5.

Chelonus } 2 mts mtd
Eurytoma }

Proctotrupes ♀, left wd, =
Beetles gen. & E. 0.01

Eddis fly =

Buckeroony, S. of Britten Bay, Co. Wk.

5.7 feb, cont. Britten Bay, Co. Wk, cont.

Lecanora (cf. or L. Lake cf.) =

Solorina crocea on soil, very large lobes, not apo.

Cladonia pleurota common over most soil

Cl. bellidiflora pulvinar ?

Thamnolia vermicularis ?

Platysthes diradiatus 1 ?, ant 33

Peltigera 22 imbricata Solorina 23 (24 ?) 25 (26 ?) 27 (28 ?)

Stereocaulon 21 ant 24, Stereocaulon 29 (30 ?) ant 31, 32, 34 + Gyrophora

Cladonia 21 ant 24, Cladonia 29 (30 ?) ant 31, 32, 34 + Gyrophora

Cl. pyxidata 21 ant 24, Cl. pyxidata 29 (30 ?) ant 31, 32, 34 + Gyrophora

Cl. cornuta 21 ant 24, Cl. cornuta

Buckinghamshire & Oxfordshire. 5.7.

5.7.46, cont. Britten Bay, W1, cont.

Campylaea rud. 2 ♀♀ } now mtd.
Cochlicella ac. 1 ♂ }

Punctum pygmaeum 1 ♀, ant. 17.

Discus fulvus 1 ♂, mtd. 44.

D. rotundatus ♀, ant. 21.

Hygromia limbata ♀, not strong, shell abd., ant. 38.

Helicella caperata 1 ♂, and orig. 30. sp.

H. virgata ♀

Cochlicella acuta ♂

Acanthinula aculeata 1 ♀ typ. ♂, mtd. ♀, ant. 20.

Retinella nitidula 1 ♂, 1 ♀, ant. 18, 17, and 24 + 2 ♀♀, ant. both 25.
Nationalmuseum naturhistoriska

Vitrina pellucida ♂, small, red hard + tentacles ant. long, 25 orig.!
[illegible] ♀, not typ., [illegible], val. all red hard frames.
Retinella radiatula 1 ♀, small, ant. 21.

Oxychilus cellarius ♂ + ♀ : 1 of mtd.

O. cellarius ♀, ant very long, 25 orig. legs - test bright orange-tubercles.

Arion subfuscus 3 ♀, the 2 ♂ mtd. Ant 18 orig.

Arion ater rufus prop. ♂ + 2 ♀ frequent but ♀ :
1 ♀ mtd. = A. lusitanicus, ant. 21, rim dark legs.

A. ater ♂ + ♀ 10♂, 1 ♀, ants 27 + 24.

A. ater + A. rufus 2 + ♀ ♀, ant. both 30.

Buckinghamshire & Oxfordshire. 5.7.

5.7.46, cont. Britten Bay, W1, cont.

Euconulus (Epirobia) alderi ♂ frequent + ♀ rare.
♂ typ., ♀ 1 mtd: 50♂ (ant. 19, 29, 31, 31, 32), 1♀ (ant. 30) mtd.

D. hispidus typ. 10♂, 1♀, both ant. 27.

D. subglobosus 1♀, ant. 25. D. cf. fusc. 1 ♂, ant. 26.

D. rotundatus ... shell typ. 3 ♂♂, ant. 25(♂) + 26(♀).

Vitrina pellucida 2 ♀♀, 1 mtd. ant. 21

Limax [illegible] ♀, ant. long + very slender, 33 orig., remainder in strongly injured
Limax [illegible] 2 only ♂ forming mucus!
Limax [illegible] ♂ ♀ ex Tring, 10♂, 1♀, ant. 46 + 34, mtd.
L. maximus (Arionidae Thom.?) 1 body ♀, ant. 31
[illegible] ♂ ant. 41 [illegible] ♂ ant. 40
[illegible] ♂ + ♀ ant. 4 ♂♂, 4 ♀♀ : 3 mtd. as follows: -

A. ater ♂, ant. 18. A. ater ♀, ant. 19, posterior ⅓ pale.
A. [illegible] ♂, ant. bitten off by Procid! ♂ dens!
Rugula 6 mounds off only 1 single mtd. =

Helicella 17 : now mtd.

Cochlicopa 2 : now mtd. Gyraulus hispidus =
Leucochroa 1 = L. candidissima. Zonitoides = Hyalinia
(Acme polita. Conacuta simplex = Limacus)

7 July 1946. The Lott. A fine & warm day & the best, on foot, we've had for [illegible] SW Montana, very dry & [illegible] for [illegible] & afternoon.

Drove via Valley mount & Belgrade to Belgrade Gallatin Gorge (Round Top Mountain - Rocky Canyon Valley) & W. to Bridger Mts. & summit of Bridger Peak (9,000 ft. & road to 8,000 ft. & summit 7,165 ft.): flora pertained as all the way with following [illegible] & [illegible] & [illegible] &

7.7.46, cont. Mullaghclevaun, Wi, cont.
shoulder on the W. side of the road to Mullagh-
clevaun, a mile from the cross-
roads, & 1½ miles from [illegible]. It was
not noted near the place, but the grass
for a [illegible] (?) on [illegible] plants
a plant of Cotton-grass [illegible] down
of the long narrow grassy [illegible] and
of Lough Nasson collected for the
Museum — namely, three beaks & a point
each of [illegible] taken in fruit at
Lough Coupl in a Fox Lobster, two feathers
(Black Game) from a clump of Sphagnum
[illegible] cairn on summit.

Samuel Beckett, visited Glenasmole
collected in rain pool [illegible] Cairn, a
Agabus uliginosus & Gyrinus
collected in Glenasmole Lough, alt. + 2,200 ft.
in shed near Corrig cairn a Staphylinid
& small insect seen flying on the road

7.7.46, cont. Mullaghclevaun &c. Co. Wi.
(1) [illegible] [illegible] Co. Wi, 12 miles [illegible]
Bilberries, Co. Wi, 12 miles [illegible]
[illegible]
[illegible]
[

7.7.46, cont. Ballyhahamore, Wl., cont.

(2) cont.

Lycoperdon echinatum } S. & Barnim Lycop.
Lycoperdon sp. } Alt. + 220 ft.

Lycoperdon lilputhianum ? on rain soaked ground
Alt. 2765 ft. (Knockcairn)

(3) Left Alt. 2825 ft. on track to Lettern road & reservoir, N. of Ballyhahamore, 700 ft. alt., Co. Wl.
6.30 P.M. [Illegible] from Belfast 17.3.49.

Thelephora ? dead on ; not ntd.
Cryptosporium 10, similar, Peziza rufa ; only 1 ntd.
Pyronema omphalodes ? on ; not ntd.
Microscypha graminicola ? on, Markstalmes, 25.7.49.
Lemonytes fallax on ; not ntd.

Helotium on ; not ntd.

7.7.46, cont. N. of Ballyhahamore, Wl., cont.

Insects taken at 3, cont.

Micropeltis galactina on ; not ntd.
Ophioparma ramulosa Stzbgr. (= Ophioparma ventosa Nyl.)
Lecanora rugosella Zahlbr. (= Lecanora rugosa Nyl.)
Lecanora crenulata Hook. ; not ntd.
Lecanora subfusca (L.) Ach. var. allophana Ach. ; not ntd.
Rhizocarpon geographicum (L.) DC. ; not ntd.
Cladonia pyxidata (L.) Hoffm. var. pocillum (Ach.) Flk. ; not ntd.
Cladonia uncialis (L.) Web. var. uncialina (L.) Schaer. ; not ntd.
Cladonia sp. ; not ntd.

Ophioparma ventosa (L.) Nyl. ; not ntd.
Rinodina sp. ; not ntd.
Physcia tenella (Scop.) DC. var. pulverulenta Schaer. ; not ntd.
Peltigera canina (L.) Willd. var. rufescens Weis. ; not ntd.

[illegible] 1949. To [illegible]
[illegible]
[illegible] found in [illegible]
[illegible] specimens, all ♂ and ♀ Bulb
[illegible] found in [illegible]
[illegible] specimens down to 4 inches (5 yards)
S. W. of [illegible] on low ridge with low
(alpine zone) on W. slope of Donga, [illegible]
often [illegible] very rare; most of the
colonies [illegible] at the [illegible], but
[illegible] the ridge, [illegible] hands of soil, [illegible]
[illegible] found with [illegible] from all
the [illegible] that the [illegible]

[22 recorded at Nat. Cat. dated 17.2.1949.]

Rocks [illegible] under trees [illegible] on
[illegible] E. of road, on W. slope of Donga, W.
[illegible] ♂ adult. Pachymatic region ♀.
Lophelium ♂ : not adult
Gryptonia ♀ ♂ : not adult
Phyllo [illegible] ♀ adult ♂ [illegible] ♀ [illegible]
Lophelium phleum ♀ ♂, small, not adult Stenoma ♀ ♂ not adult
[illegible] of ♀ ♂, yellow face = Illawarra [illegible] ♂ not adult.
Stenoma [illegible] ♀ not ; not 17. Meadows ♀ ♂, not 34.
Type: AWG 18.2.1949.
Isolobium ♀ ♂ — ♀ not adult.
Kingia ♀ 20 ♂♂ not adult.

Bonga, S. W., cont.

Lophelium [illegible] ♀ : not adult.
Lophelium [illegible] ♀ : not adult.
Lophelium [illegible] ♀ : not adult.
Orthotyma [illegible] ♀ ; not 33. ♂ of [illegible] ♂ adult, [illegible] not 32.
Allium [illegible] of plant [illegible]
Pachytheca [illegible] ♀ ♂ ; not 32.
Cephalotus [illegible] ♀ ; not adult
Stenoma [illegible] ♀ ♂ ; not adult
Anisotes [illegible] ♀ ♂ ; not adult
A. [illegible] ♀ ♂ ; not adult. A. [illegible] ♀ ♂ ; not 37.
A. [illegible] ♀ ♂ ; not adult. A. [illegible] ♀ ♂ ; not adult.
A. [illegible] ♀ ♂ ; not 17. A. [illegible] ♀ ♂ ; not 17.
A. [illegible] ♀ ♂, not 17. A. [illegible] ♀ ♂ ; not 17.
Orthotyma [illegible] ♀ ♂ ; not 21; [illegible] not ♂
Brachmia [illegible] ♀ ♂ ; not 21. = D. [illegible] not 21
D. [illegible] ♀ ♂ ; not adult
D. [illegible] ♀ ♂ ; not adult
D. [illegible] ♀ ♂ ; not adult

10-7-46, cont.

Bembex [illegible] ♀ : 20 : 4 only mtd. =

Blacket [illegible] ♀ : 2 mtd nth.

Cynipid ♀ : 1 mtd nth.

10-7-46. 3 P.M.

Hornung-bird (Starling) netted in barn at Fitzgerald's garage, Rathgar Rd. (M.B.S., also R.W.S.)

10.7.46 Sawfly: Printzphora pallipes ♀, taken in motor house at 114 Clarenville Rd. Harold's Cross, Dublin.

17th July 1946. Grey-brown day, after a fair night & cold April. Fine — after rain & no rain at Golliertown, where a lot rain for first hour & then dull & misty: many hymenoptera out, for days & no small flies to annoy on — Rhs.

Golliertown, Grand Canal, Co. Kildare. 4 till 6.30 P.M.

Collected by sweeping round old quarry hole W. of bridge 5. of canal.

1 = first quarry hole & edge of canal at SW corner of bridge

2 = 2nd + 3rd quarry hole — & also much of wire fence

Insects taken at 1.

[21 specimens recorded from 1 & three labelled as 1.7.46!]

Carbon sp. ♂ not mtd

Cryptinid ♂ : 1 ♂ mtd looks near Microcryptus but has no trace

Whatever genus it is visit [illegible], ant. 22-seg.

Ichneumon ♂ : 1 ♂ mtd

Tryphon sp. ♂ not mtd.

Trichrosis sp. common, visited [illegible] & edges : 20 mtd

17.7.46, cont. Gollerstown, DU, cont.

Taken at 1, cont.

Braccon anthracinus ♀, ant. 19; very well tubiform fourth joint of fore.

B. canaliculatus ♂ ♀, ant. 20. Type ♀ 53.2.7.1949 (2 ♂♂ of specimens! 3 ♂♂ 1 ♀ say one should be a canaliculatus Th. but cannot be this! Rev.)

Rogas of genitalator, 2 very large ♂♂, one with an very curved, antennae 53-s 54-segmented.

Perilitus sp. ♀, very small (1.6 mm. ant. 1 mm.) 2nd abdominal (slender, pet at base

Exorista of capitata 1 very small ♂, ant. 20, very minute (examples)

Opius concus B (1 ♂ 2 ♀) not std.

O. sp. of Lucitus ♂, ant 27. O. sp. of cavifrons ♂, ant. 26.

Pentapleura punctata ♂♂, 1 ♀: not std.

Rhinocampa exposita 1 ♂ ant 51. very small at edge of wood at SW corner of bridge: 1 ♀ very small ♀, ant 15.

Ophion luteus ♀ - not std. at E. end of 1st grove.

Ophion - that separated from usual form by filiform; in spite of 4 specimens ♂ ♀ (scapitata (Synaldis) not std. in the bulk, ant. 30 x 27. of ♀, ant 15.

Dacnusa dispunctata 1 ♀ not std.

D. laevipectus ? 2 ♂♂, 1 ♀: not std.

Chrysocharis subpicinus ♂, 2 ♀♀, 10 ♂♂ 1 ♀ std, ant 2.5 x 2.2.

Eulophus of similis nit. ♀, ant. 30

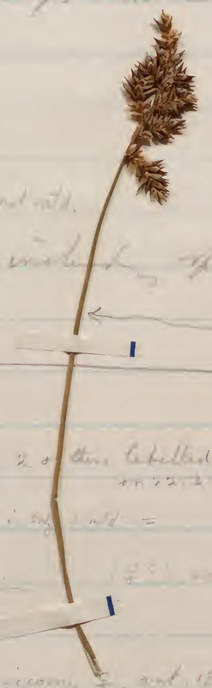
Eurosoma sp. ? very large ♀; ant. 28; stigma very dark

same ♀ taken at Portadrapton, DU, on 26.7.1936!

Taken at 1, cont.

Mesochorus nervosus ♂, large, ant. 17

Cryptadius sp. ♀. not std.



Head of fierce elongate fore-

Taken at 2.

[2 mounted from 2 ♂♂ one labelled on 22.2.49]

Cryptus 2, 28: sp. 2 not std =

Atractodes ♀ ♂ ant 15.

Stenomacrus graminicolus ♀, ant 15

Exetastes ♀ = "pulchellus" ♀ } non std.

Agathis ♂

Agathis fortis Brulle: not std.

A. glomeratus ♀.

Euphorus sp. pallipes 1 not std.

Perilitus sp. 1 very small ♂ with Braco sp. and Ophion sp. of abdomen, ant. 1.3/8, and 2 minute examples!

17·7·46, cont. Gelliswick, Co. Pem. [Tokunbo 3 cont.]

Adenosa decurrens ♂, ant. 24.

Lycosa fulva ♀ not mtd.

Opisthisa cruenta ♀ not mtd.

O. cf. taciturna ? ♂, ant. 25; very soft structures, remainder.

Alopecosa cuneata ♂ not mtd. Effused tunicorum ♂ ant 25

Pardosa pullata some mated ♂♂ & ♀♀ together

some larger ♂ ♂♂ just beyond 2 eyes, 2 yellow stripes (one broken) and remainder

Rhoncocosa cuneata (= monacha Stoliczka) ♂♂, ant. 32

Pirata piscatorius 2 ♂♂; not mtd.

P. uliginosus 1 large ♂ (ant. 28), 1 large ♀ (ant. 22) & 3 small ♂♂ (ant. 24)

Agelena labyrinthica ♂, ant. 21

G. (Tegenaria) duellica ♀, ant. 18.

Dictyna arundinacea group 10 (5 ♂♂ 5 ♀♀); none mtd.

D. elegantula 1 large ♂, ant. 32.

D. segmentata ♀, ant. 24

D. tenuis ♀, ant. 23

D. [illegible] ♂♂; ant all 26.

Theridion tinctum group ♂♂, ant. 21, 23, 24 — one bitten off short.

Euclina cornuta ♂ ♂♂, not both mtd.

Micrommata virescens ♂, ant 17

Philodromus [illegible] 16: 1 mtd = a [illegible] ♀, ant 18.

17·7·46, cont. Gelliswick, Co. Pem. [Tokunbo 3, cont.]

Pardosa ♂ 5 mtd only =

Clubiona 2 not mtd

Cyrtaucha 1 not mtd

Beetles: Donacia 2 ♂♂ & 2 ♀♀ both sexes =
= 2 ♂ nearest (Gelliswick) Other Coleoptera
& 2 ♀ nearer. & a wasp.

21st July 1946. A poor day, with rain nearly all the afternoon just 10 minutes after we arrived at Lewis Bridge (Canal). Evening fine later.

Royal Canal, Co. KD. [23 sp. 44 spec. Tokunbo 23 & 24]

Result of 10 minute sweeping along towpath from Lock 7½ mile W of Lewis Bridge eastwards & 14 Mile Mitchell's walked in plantation: 3·30 till 3·40 PM; then heavy rain.

Araneus quadratus ♀ ♂♂, ant 27

Linyphia triangularis 5·2 mtd = Lycosa 38 ♀, ant 19

Others = 27 ♂ ♀ ♂ ♂ ant 19

Bracon communis 20 ♂♂ 2 ♀♀ = 12 ♂♂ 2 mtd. = 4 ♂♂ 27

Sigalphus caudatus 6 ♂♂ 2 ♀♀ 2 mtd 5 ♂♂ 1 ♀ Ichneumon ♀, ant. 20.

Ophion obscuratus ♂♂ 2 mtd.

21·7·46, aft. cont. Royal Canal, KD, cont.

Tentaphleura punctilio ♀ : ad 42

Prosaptha speculum ♂ : ad 18, 42 in Malaise

Anapilota (?) sp. : ♀ ad 16

G. (Synalobia) parvulana ♂ ad 33

Dacrumna marginata Meig. a beautiful ♀ : ad 34.

D. nitella ♀ : ad 33.

D. Pyrocampa ♀ ad. 32. ♀ 6th-legged stem-mother. Her type-mate ?

Ectadenia sp. ♂ : ad 34.

Ceratodexia sp. ♀ : ad 32

" " ♂ : ad 32

Eupeleteria sp. isolated. Sections of ♀.

Glabella abundant : 15 — males, rest ♀♀.

Cynips 1 = ad : nil

Cynips 2 =

Cynips 2 = Hyperparasite of Trichogramma evanescens

24·7·46. Isle Rhodes[one] examined today. 35 Lomas at 14 Glenville Rd Harold Cross Dublin.

25th (Thursday) July 1946

A fine day, very warm, dull, & hot. Wind SW to S & SW inland.

Drove J.P. Bunker to Hey Lough, to look for the hybrid midge Cecidomyia ? sp. ? first taken here by Lt. last year, when only ♀♀ & did not recognise it at the time. It was not seen this year, but it collected it, but it was one of the specimens around the lagoon below the sandhills, & old coast-line. Did not see the hybrid but noticed all over & round the lagoon & round patches of large bits at N. end of lagoon, these = 2 feet high & gathered the hybrid, & no bits round the lagoon elsewhere.* Other midges were very scarce & few (Dacrumna, Pyrocampa) only.

Left inset for a time then turned & to Lomas after lunch & following :—

* Lomas after lunch & following :—

1. Vegetation (main ridge & North aspect) at S.E. corner of lagoon. 12 noon - 1 P.M.
2. Reeds, sedges, &c. at N. end of lagoon. 1·15 - 1·45 P.M.
3. Dune, narrow grass, &c. between 2 & 3. 4·15 - 4·40 P.M.

Left for Lomas at 5 P.M. & Lomas at 6.25 P.M.

25.7 46, cont. Bergsberg, G. Vl., cont.

Taken at L. [37 mtd. 28 mi. Tabellfl. 25.3.1947.]

Sarcoptes 2 ♀♀ on a ♂ of Lepus timidus ♂ ad. 1944.

Vol. 1 ♀ and yellow-mottled ♀ Tbl. = Sarcoptes ad. 22

Vol. 11.: Cryptonyssus 11 ♂♂, 3 mtd. =

Atricholaelaps sp. ♂ + ♀, ent. 22+19.

Cheyletus sp. ♂ Larva, ent. Insekt. skd., ent. 23.

Pimelia inscripta v. intermedia: 2 ♂♂ + 1 ♀

P. detrita gemp. ♂, ent. 23.

Tyrophagus cruentus 2 ♀♀; 1 mtd. fem. 35 mg, ent.,

also 1 ♂ from very small + acute; stigma round, pale.

Tetranychus urticae 2

Bryobia praetiosa 2

Petrobia latens 3 ♂♂, 1 ♀ } non mtd.

Bdella truncicola ♂

Hoplophora fallax 2 ♀♀

Gymnomerus necrodactyla 2 Tabn.: 1 ♀ mtd., ent. 40.

Notaspis ♂♂ + ♀♀ 7 spec. } non mtd.

Eilea Cunfortiana 5.

Eustigmaeus sp. ♀, ent. 19.

25.7 46, cont. Bergsberg, G. Vl., cont.

Bryobia fallax 1♂, ent. 24 Taken at L. cont.

B. praetiosa 2 ♂♂ + 1 ♀, ent. 22

B. cruentus 2 ♂♂ + ♀, ent. 24 ♂♂, ♀ ent. 26.

Acoelius utriculosus 2 Larva ♂♂, 1 Larva ♀.

Leptus sp. 3 (2 ♂♂) 2 mtd. nymphs =

L. sp. 5

L. sp. 2 ♂♂ + 1 ♀, ent. 23 Tabn. 28 addition. Nr. 1948 f. 43.

Bdella diversipilis ♂, ent. 21, very different in body, all with hyaline

Opilio saxatilis 7 (2 ♂♂)

Ch. sp. pullus 1 Larva, ent. 20.10

O. sp. Cocon ♂, ent. 24♂ ♀

Allothrombium pulvinum 4 ♂♂ + 1 ♀

Adelothrombium florimela, ♂ fine ♀, ent. 21. 22. 24 Tabn. V. 1948. 14.7.1950.

A. pilosum 1♂, ent. 17

Pachylaelaps pectinifer 2 mtd ♂♂

Laelaps agilis parvula ♂, ent. 17

L. sp. ♀, ent. 16, a nice specimen, but type unrecognizable

Laelaps nuncius 2 ♀♀ (1 ♂ + ♀♀) non mtd.

D. torpidula 1♂, mtd. D. fimbriata 1♂ + 1♀ mtd., ent. 25.

D. sp. 1♂, mtd

D. sp. divisa 1 Larva ♀, ent. 26.

25.7.46, cont. Kapfenberg, Wk., cont.

Taken at 1, cont.

Δ [illegible] ♀, mit dd., cat 27

Δ of mostly mm ♂, cat 27 [illegible]

Δ (♀) Microcryptus sp., Ichneutid ♀, Braconid, cat. 27, mit Cy.

Δ (Cynipoid) Aphaereta ♂♂ ♀♀ : mit dd. : 2

Δ (♀) mixed ♂, cat 27.

Δ (♀) Alysiinae 10♂ cat. 25, 1♀ cat. 27 ♂ has more cut-out round the ♂

Δ (♀) 10♂ cat. 25, three wings short, fused, dark-thyme, 1 fused tarsus 4, mostly ♂

Aphidius ♂♀ mit 5 mm antn.

Ephedrus validus 1 ♀, mostly ♂. mit dd.

Praon 10 : 1 mit dd. = Praon?

Chalcids 8 } mm mit.

Cynipids 2 }

Ichneum about 20, similar

25.7.46, cont. Kapfenberg, Wk., cont.

Taken at 2. [39 counted from 2 dishes labelled on 27.2.1949!]

Amblyteles pulcripes ♂. Bathythrix cephalotes ♀ mit dd

Ichneum sp. ♂ : mit

♂ Ich. mit 1 m.s., dick curled cruel appendix : mit dd

=

Erythrodon 5 : 1 mit Ich. mit = Microcryptus ♂ ♀ : cat 27

Odontotopon scabricola ♀, cat 34.

Pronotk subcostor ♂ : mit dd.

Mallochia sp. ♂♂ + ♀♀, 5 : mm mit.

Bathythrix cephalotes ♀ : mit dd

Braon fabripes 8 ♂♂, ♀♀

B. erythrothorax ? 10♀, cat 27.

B. pumicornis 2 ♂♂ : mit dd. B. sp. Brych. 5 sp. cat 28.

B. sp. mm cornicum ♂, cat 34. B. longicubus 2 ♂♂, cat 34 + Ichn ♂♂ 23-24

B. sp. mm - yellow 2 ♂♂, cat 25-26, propodeum rugose; female + Ichn dark - reddish tarsi, all mm blackish

Apanteles pectinicornis ♂ ; 1 ♀ mit, specimen, very like a Exy Apan.

A. fulvipes group ♂ : mit mit.

25 7 46, cont. Maybeenbay, W.I., cont.

Taken at 3, cont.

Gyrinus ♂♂, 3♀♀ = Maybeenbay swimming, ent. 30-31.

Opius ♂♀ 3 = O. foliatus n. ♀, ent. 25.
O. foliatus n. ♂, ent. 27.
O. anomalipes n. ♂, ent. 30.

Apiletus fuscipes ♂, ent. 17.

Doryctes insertus prom. 8 WL = D. insertus ♂, ent. 25.

D. (Hypocryptus) crassifemur ♂, ent. 28.

D. explanatus ♀, ent. 29.

D. crassi- hinus ♂, ent. 35.

D. of bre- hinus, ♂, ent. 32.

Braon ♂

Aphidius aphidis ♀, ent. 13.

A. cressi ♀, ent. 14; mounted in xylol-balsam preparation, not needed!

A. ervicolae ♂, ent. 16.

A. avenaphis Hal. ♂♀, ent. [illegible]

Proctotrupes 7 : 2 wtd. =

Chalcids abundant ♂ ♀ with long tarsi common
Mymaridae ent. Platygaster, ♂ wtd 2.54 mtd =
Other Chalcidoidea & Eulophidae wtd =

Bethylus = Chrysomela polita (pds 5 om)

Hemiteles nymph = probably a ento. enter of Stenopelmus rufinasus

25 7 46, cont. Maybeenbay, E. W.I., cont.

Taken at 3, cont. [illegible]

Carbon of ♂ =

Bracon ♂ : not wtd.

Perilitus of subcinctus ♀, ent. 32.

Bracon ♂♀ : not wtd.

Bracon variator ♀, ent. 26.

Perilitus rubripes ♂♀, also reared, ent. 28.

Opius Skinneri W. 2♂♂, and 2♀♀ (all = one sex of complex Opius arvensis.

Carbon mixed [illegible]
(Tachyta ent. ent. and Platynus ent.?
2♂♂, 1♀, ent. 45-46(♂♂) & 35(♀).

Aphidius of cressi ♀, ent. 22

[illegible] Oak [illegible] of [illegible] edge [illegible]
[illegible] and [illegible] of [illegible] of [illegible]
[illegible] of [illegible]
[illegible] of [illegible] drain to [illegible] [illegible] the Birch
Ballyard Bridge on [illegible] of [illegible] of Rowe
[illegible] by [illegible]
All to Nicholson [illegible] [illegible]

1 = Swampy field below road S. of the
new bridge, Stevenston [illegible] 100 yards above
edge of new reservoir [illegible] of old road
& old Stevenston Bridge (now under water)

2 Steep slope between road & river, and then
flat wide below Ballyard Bridge & just
within area of new reservoir, in
townland of Three Castles.

3 Edge of reservoir at 2, near Burgoyne
mark, maybe 1 chain, a few hundred
yards below Rowe river enters the
reservoir.

21.7.46, cont. Kilwinning to [illegible]

Taken at 1. [2 mounted + then labelled 1949]
Anteon ♂
Schreuson ♀ ♂ not obtd
Cryptonts II, including a very minute ♂ of Hemidyas of sparsa (not 24).
Shrt in low than 2 mm. Length: only 1 obtd =
Sylvaepthus (Typhlaepthus) proximus, not 28
S. (T.) absentia ♂ typhlus, fortunatus, pectinatus, and 27.
Neanura ♂ 1 of not 35, yellow ventrally, ♀?
Hemidyas absentia ♂ not obtd
Entomobrya lanuginosa ♀, both intermix
= luteola ♀ ♂ (not enumerated) ♀, not 37.

Willemia minuta ♀, not 21, with normal abdomen
Bryas irregularis ♀ not obtd.
Aphorura ♂ not obtd
Micraphorura modesta ♂
Onychiurus tenuisetosus 3 ♂♂, 1 ♀. Tomocerus ♂ now mixed
O. [illegible] [illegible] [illegible]

31.7 wtd and ... Observations, Wtd, cont.

Taken at 1, cont.

Barometer readings, temperatures
[illegible] & humidity — mostly [illegible]

D. [illegible] P
Barometer carried on
[illegible] off. S

Rain 7.3 wtd. =

Blackbird S. now wtd.

in Lowland of Three Castles

R. Lyth, Tebay, Bath, and Br, G. Wtd.

Taken at 2 [13 wtd. + then labelled 'Three Castles, G Wtd. (8) 31.7.1946, on 1/4/49.]

Barometer [illegible] & [illegible] and 23

[illegible] wtd

Thermometers [illegible] wtd etc.

Humidity [illegible]

Clouds [illegible]

Hornworm pellets 27

Rain Wtd

31.7 wtd and ... Observations wtd, Wtd, cont.

Taken at 2, cont.

Barometer readings [illegible] wtd = { D. [illegible] P carried on [illegible] / D. [illegible] P carried on [illegible]

Temperatures & humidity [illegible] wtd =

Thermometers of [illegible] and 27

Rainfall [illegible] of [illegible] wtd

Cloud [illegible] of [illegible] wtd

Blackbirds [illegible] on [illegible] and 27, [illegible]

Rainfall of [illegible] wtd

Hornworm pellets [illegible] wtd

Cloud [illegible] of [illegible] wtd

Thermometers [illegible] wtd

Cloud [illegible] 600, 27 wtd

317 46, ent. Skomsjöbo dist. 2, 117, ent.

Tekn. sk 2, ent.

D. [illegible] nordöstra, [illegible] 1 [illegible] ent 10
nom. nbd.

Ordinarie bf. 3 nom. nbd.

Poäng: 10 : 2 sk =

Elektr. ljus: 1 nbd. =

Expiration i skogsmarken, tobaksrök.

Tekn. sk 3 (Bank af K. Löfbergs) [Dismtd. från 3:e Hare Utlånad 5/4 1949]

Samtliga: modell skogsmark, tobaksrök, glasrör

= Pachymenetus cuniculi ♂.

Exspirationsluft & vuxet = 10% CO₂ och 1% O₂ mot nbd

3 nbd. = Explorgk ♀ ♂, mot nbd, ent. 26.

Tek sk 1 ♂ 4 nbd. ent. 22. Tek sk 3 ♂ Bank ent. 26.

Limnophilus lunatus ♀ mot nbd.

L. sp. ♀ mot nbd.

Mesoleuca sp. ♀, ent. 39.

"Hare Kr-Bl", nu skiftad i Stockh.

317 46, ent. Skomsjöbo dist. 2, 117, ent.

Tekn. sk 3, ent.

„Pandivius" sp. mot nbd — mot blom!

Stenurus maculatus ♂♀ mot nbd

Nemadus sp. ♂ samt sk 2.

Helodon sp. ♂ lägg, bd corse, ent 37

[illegible] mot nbd

[illegible] mot nbd. Obs = Pandivius holsaticus ♂, ent 36

Brachyopterus ♀ ent 32.

Sp. nr. ruficeps ♀, ent 36.

Sp. sannolikt ♀ (♂+♀), mot nbd

Sp. [illegible] mot nbd 2♂♂, mot nbd.

Rentafleura pumilio ♂♀ mot nbd.

Orfelia sp. 2 = 1 [illegible] ♀, ent 19, 1 ♀ mot nbd, ent. 20.

Dreamora fuliginosa ♂ mot nbd. D. arcuata var. ♀, ent. 20.

D. cinerea 6 mot nbd. D. sp. [illegible] ♀, ent. 22

D. effusata 1, D. gibbifera ♀; mot nbd.

D. nigrita Meig.: one ♀ [illegible] ♀, ent 35 { = D. cinerea Zett. var. 1988.

D. [illegible] sp. ♀

Tvåvingar ♀.

1 Tipula abdominalis ♂ Upplösen sp. 2.

Rentafl. 13, mestly Pachymetopius

4. & 4b cont. The Cairngorm, K.D., cont.

Erythrina 7 ♂♂, 2 ♀♀ = 1 ♂, 1 ♀ ads. =

Ithomia 2 ads.

Polyclon 1 ♂ 1 ♀ ads.

Papilio thersamon ♀ ; ads.

Glyphodes verbeeki ♀ ; ads.

Limnotis cylindricollis ♀, flew into my net

L. crenata ♂ ♀, some mate flying, flew about

Tryphera ? nigrina ♂, ads, mate, dark abdomen

Stenocera minuta ♀, ads bitten off

Eu. pellucida ♂ ads

13 Syrrhon femina ♀ ads

13. a. Thermesia ♀♀, [class I ads ♂ ♀ = 50 taken]

15 parvistacha, ♂ ; mints ♂, ads ♀.

Rogera grammalata ♂, ads ♂ ♀, ads

Cyphelia falcata ♂♂, 5 ♀♀ ads

G. praetor Mark ♂, ♀, tryphe ; mate ♀ kept

G. sp. ♂ ads ; mtd G ♂ ♀

G. ? fulvipes ♂ ads

Orgilia obscurator ♂, ads

Pentatoma ♂ ♂, mints, ads bitten off

The Cairngorm, S. K.D., 3 to 4.30 P.M.

Anteon ♂♂ {2 mtd. = 2 ♂♂} [33 mounted + those labelled on 6 to 1905?]

All Anteon "breeders" ♂♂ & ♀♀ common Abron

including Enclosure cages, & set in

full flower mid.

Epitomus hyaline ♂♂, ♀ ads.

4·8·46, cont. The Cinnamon Ridge, 1500 ft, cont.

Metarbela tenuistria ♂, ant. 29.

Opisarna [illegible] Warn. ♀, ant. 28

Eublemma parcilia ♂♀ (1 ♂ 1 ♀ 2 ♂♂)

[illegible] ♂, ant. [illegible]

[illegible] ♂, ant. [illegible]

2 ant. both ♂♂ dent.

Rhynchina [illegible] ♂ : not ntd.

Euplocia (Orth. typica) marshalli ♂, ant. 19.

G. [illegible] ♂, ant. [illegible] 3 ♂♂, 10 ♀♀ ntd =

G. ? fuscum ♂, ant. 24, ♀ ant. 18.

G. [illegible] fasciata ♂, ant. ntd. G. [illegible] fortipes ♂ ♀, ant. 9.

Zoonoma elegantula ♂ (plus 1 ant.)

D. [illegible] ♂♀ comm. } none ntd.

D. [illegible] ♂ D. [illegible] ♂ ♀ }

Eublemma [illegible] ♂♀, comm. off. ♀ =

E. similis ♂♂, ant. 42, 42, 44 + 45. E. [illegible] ♂ ♀, ant. 22.

E. ? gracilis Hmps. 1 large ♂, long hind, ant. 50, legs ? pale, mustard.

Cyligramma [illegible] ♂ : not ntd.

Brooks. 15 : 6 ntd

Eholcha abundans : not ntd.

Cyrestis 4 : not ntd

4·8·46, cont. Cinnamon Ridge, Hy. woods, 2500 ft.

W of Kitambo, at Cattle watering, Cam. KD. [13 mounted & 1 now labelled ant. 4-1946]

Hypanica cyprinodes ♂♀, 2 spcd not worth keeping : not ntd.

Callopistria albicosta ♀ : not ntd.

Cyligramma 5 : 1 ntd. Hemiscyla : not ntd, yellow form

Acraea acrita : not ntd.

A. [illegible] ♀ : not ntd.

Graphium [illegible] ♂ : not ntd. G. macdonaldi ♀, small, ant. 31

Charaxes varanes hind 1 ♂, ant 23

Amauris [illegible] Hbt. ♀, very interesting [illegible] !

Byblia [illegible] Hbt ♀, ant 22

Pentila [illegible] ♀ : not ntd

Rhinocoris [illegible] ♂♀ : not ntd

D. [illegible] D. [illegible] 2 ♂♂ (1 ♂ [illegible]) 2 ♂♂ ♀♀

D. ♂ ♀, [illegible] ♂ ♀, [illegible] not ntd, 1 ♂ ant 23, perhaps a small ♂ pulverum, ant 22. BMNH + Hargreaves ntd

D. [illegible] ♀, ant 23

D. [illegible] ♂ ♀ 1 ♂, ant 24

Brooks. ♀ : 5 ntd

Charaxes 2 : not ntd

Cyrestis 1 : not. ntd

August 1946. Took a shovel & [illegible]
Skeena — afternoon
Left home at 1.30 & drove to Calgary & W.L.
& took for Optics Days — as follows
a little more in Edmonton & visit Bellamy
while, but around quite after a couple
hours, which ended in rep for the day,
although a very bit more of the hours
I spent not more than after a dip.
I & for like in older & Lunch, after &
for a after before hours. —

Bellamy, N of Calgary, & W.

August 1946 continued at end of Kenny
Exp Vol. 16 p. 48.

361